KTS FB

23830-26454

Standard B & P Blank Books and Loose Leaf Devices
TRADE MARK REGISTERED

Standard Blank Book

No. 67⅝

Journals Double $ and Cts. no Units
Cash Books " " " "
Day Books " " " "
S. E. Ledgers " " " "
D. E. Ledgers Full Page Form "
Long Day Books "
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In 150, 300 and 500 Pages

Made in U. S. A.

23830	Spiranthes	H ter	Per. grish-wh	June	1	Dense forest	Guinin Bridge	La Merced
23831	Gesneriae.	H 2nd.	Br. bright r., pale base Cor. bright y					
23832	Marantaceae?	H ter	Br. r., per. red fr. w					
23833	Selaginella	H ter						
23834	Trichomanes	On tree trunk						
23835	Mikania	HV	Cor tube gr. prox. wh. dist, l. v sty w					
23836	Centrosogon	H 1-2'	Cor. rich pi.					
23837	Assaea	T. 15' trunk simple below, + 25" diam., with long pendent lvs. at apex	lr. g.; cor tube pink r, y base lobes r.	fr. gr.				
23838	acanth.	H	cor. w.; ant y.					
23839	Solanum	H 2-4' ep.	5 seg. g.-tng-in.; bf. + column w. seg. light g.					
23840	orchid (Epidendrum?)	H						
23841	Habenaria macroceladya	H						
23842	Polypodium	E.H.	seg salmon y.					
23843	orchid	E.H.	pap. w.					
23844	Mikania	W.V.	pet. w.; ant y.					
23845	Serjania	W.V.						
23846	?	S 12-15' with elong. sulcate branches	buds pink p.					
23847	Evea	S woody below 1.5-2.5'	bract lr. r.; cor. pale y.; ant. w.					
23848	?	S 10-12'						
23849	orch.	E.H.	5 per. seg. purplish g.; column pink + bf w.					
23850	Elaphoglossum	E.H.						
23851	Begonia arborescens	H 3-8'	pet. w.; ant y.					
23852	~~Polypodium~~	~~ter.; upper surface & stalk lr. bf~~						
23853	orch.	E.H.	5 seps. grass gr.; lip salmon y.; column pink w., pur. - tng. at apex.					
23854	Ipomoea	W.V.	cor. w. ~~sp. pink w., pur. tng. at apex.~~				clearing	
23855	hepatic.	on tree					dense forest.	
23856	Coccocypselum	H ~~stem~~ I repent	fr. brilliant bl.					
23857	Psychotria	S 2-4'	fr. lime color					
23858	?	H I woody 2-3'	lvs. used as a dye					
23859	Antrophyum	E.H.						
23860	Cadulovica	H I 4'						
23861	Piper	S. 6-8'						
23862	Lingua	on tree	upper surface grey; under side (~~convex~~ concave) deep pur.					
23863	Asplenium longicorium	H						
23864	Peperomia	H ter.						

23865	Palicourea		S slender, 2-3'	fr. o.r., at length black	June 1 dense forest Guinin Bridge La Merced	
23866	Asplenium		H ter.			
23867	?		S. 12' stem simple	few.-bran. fr. y.		
23868	Dalmosyphon		H 3-4'	per. cream w.		
23869	orchid		E. H	per. seg. pale y.		
23870	aspl.-		H			
23871	Heliconia		H 2-3'	br. br. r.		
23872	Tinnanthus		H coarse, 4-5'	cor. t sta. grish. w.		
23873	Psychotria		S slender 3-4'	fr. w.		
23874	Asplenium		H			
23875	Dictyoxiphium		H			
23876	~~Stenochlaena~~ Polybotrya		H trunks up trees			
23877	Castilloa		T. 50-70' trunk ± 1.5' diam	"cauchu de montes"		
23878	Cubé A	"cube"	T. 8-10' tips of branches		Clearing, cultivated	Ph. K-B-27
23879	comp.		T. ± scandent (upper) H with matted stems	florets y.	fls. used for toothache " "	
23880	Gracca	"barbasco"	S. ± 4'	stam. g. out; p. in.; ovary p.; seed pink. bl., g. at base cor. green; corona w.	" "	
23881	Metastelma		H U.			
23882	ligrian.		V. I woody below	cor. br. y. ; sty. grish p.	clearing thickets	
23883	Sclena		H			
23884	quiquib.		H I 3'	per. br. o.	dense forest	
23885	Lonaea		H			
23886	~~X~~ Xiphopteris		H sp.			
23887	Polypodium		H sp.			
23888	?		~~H~~			
23889	Lygopteris		H			
23890	Gonioplebrium		H	caudex 1.5' l., mostly subterranean; stipe 4'; fr. 5'		
23891	Piper		I I 10'			
23892	Anthurium		H on tree trunks	spathe g.; spadix grish w.		
23893	Diplazium		H			
23894	Diplazium		H fronds 4-5' l. (incl. stipe)			
23895	Anthurium		H sp.	spathe pink g. out; light g. in.; spadix deep pur.		
23896	Campyloneuron		H ~~sp.~~			
23897	Trichomanes		H stem trailing, repent on bank			
23898	Gonioplebrium		H sp.			
23899	Lygopteris		H			

23900	Asplenium	H		June 1 dense forest thicket La Merced	
23901	Asplenium	H			
23902	Pteris	H			
23903	Phytolacca	H	bran. of mgl. p.; up. lightst p.		
23904	Piper	S. 5-7'			
23905	Piper	S. 6-8'			
23906	Dryopteris	H			
23907	Piper	T. 15-20'			
23908	Asplenium alienum	H.			
23909	Asplenium	H			
23910	orchid	E.H.	per. veg. y.		
23911	Polystichum	H			
23912	?	S. 10-12'	fr. gr.		
23913	Schmantheus	H			
23914	Psychotria	S. 3-4'	fr. br. o. at length deep pkr.		
23915	Lichenia	S. caudex I1', st. 3', fr. I5'			
23916	Polybotrya	H. notatch appeared to tree trunks.			
23917	Lonchopteleirum	H.			
23918	mucos.	on trees			
23919	Pteris	H.			
23920	Miconia	T. 12-15'	pet. w.; ~~tet.~~ ta. o. r.		
23921	Weinmannia	T. I20'?			
23922	Cyathea	T. (Fallen) trunk I6'.	fr. (incl. strips) I7		
23923	Salpichlaena volubilis	H.V.			
23924	Trichomanes pinnatum	H.			
23925	Rondeletia	S. 2-3'	fr. pale violet.		
23926	Stelocarpus	S. 8-10'	pet. w.; ant. y.		
23927	?	T. 12-15'		cleaning, Q.S.	
23928	orchid	H. ep.	5 sep. deep g.; lip pale w.	dotted with deep p. at center in.	
23929	Urera	B. with clay. S. bran.; I7'	column. pale p. prop, fr. o.	pale w. dist.	
23930	~~Solan.~~ Cordia nodosa	S. 4-5',	cor. pale y; lobes p-big.		Pk. S-13-6
23931	Passiflora serrato-digitata	W.V.	ant. pale y, petm. at	center.	
23932	Tibouchina	H las br.	fr. g. Pet. rich pi.	June 3 Thickets	
23933	Comp.	W.V.	Impl. or.-r.		
23934	Euphorbia	H	Fr. gr.		

June 3 Thickets Quinijí Bridge La Merced

23935	Orchid	H ter	Per. seg. deep pi, 3 smaller faintly striped with
23936	Columnea	H suc.	Cor. OY. - r. out, cream in o red dotted in,
23937	Pallicourea	S 3-4'	Nectrio wh Cor tube y, lobes red
23938	Columnea	S 7-10' elong br.	Infl. grish
23939	Peperomia	H rep. suc. On soil:	
23940	Solanum	H ± 2'	Cor. w pi-tinged with light y
23941	Polypodium	On tree	
23942	Epidendrum	EH	Per. seg. pinkish wh.
23943	Cyperus	H	
23944	Orchid	EH	Seg. cream wh - grish - w
23945	Selaginella	H ter	
23946	Acanth.	H	Tube wh, lobes li
23947	Polypodium	On tree	
23948	Asplenium serratum	- -	
23949	Selaginella diffusa (Presl) Spring det Somers 1978	H ter	
23950	Bamboo	HV	
23951	Anemia	H	
23952	Trichomanes	On bank	
23953	Orchid	EH	Br. gr.
23954	Orchid	EH.	3 red ~~gr~~ grish w col in gr.
23955	Prosthechea	EH	~~Seg~~. Per. pinkish w
23956	Lichen	EH	
23957	Peperomia	H ter	
23958	Polypodium	On tree	
23959	Blechnum	H	
23960	Elaphoglossum	On tree	
23961	Peperomia	H ter	Lvs. dark gr o wh - striped above, deeply ser.
23962	Pteris	H	
23963	Orchid	EH ~~common~~ sometimes	3 seg. pi; lip purp.; (bud)
23964	Orchid	EH	Br. gr.
23965	Orchid	EH	Br. gr. out seg. gr. (old)
23966	Lindsaya	H	
23967	Tradescantia	H	Per. gr. ish - wh.
23968	Alternanthera	H forming mats	Infl. grish - wh
23969	?	T 20-25'	Br. gr.

clearing dense forest

23970	Hep.	On Cyrtandra 23969		June 3	Dense forest Quinini Bridge La Merced
23971	Asplenium	H			
23972	Elephantopus	H	Flowers light lilac		
23973	Asplenium	H			
23974	Orchid	Ep	5 sep. & pet. pink-gr. lip pi. & col. grish w		
23975	Anonac.?	S 8-10'	fls. gr.		
23976	Moss	On dec. log			
23977	Tectaria	H			
23978	Campelia	H rare	Ber. sep. wh fr. pi.-purple.		
23979	Cyathea	TF Caud. ± 4' Stipe 3';	fr. 5' Caud. 10'; stipe ± 4'		
23980	Culcitium ?	TF Fr. 6-10'			
23981	Psychotria	S 5-7'	Cor. grish-wh		Fr. or. r.
23982	Vernonia	H	Flowers pi. stigm. wh		
23983	Clidemia	S 1.5-2.5'	Pet. & stam. w fr. purple		
23984	Cardiodoxia	Pl. 4-6'			
23985	Cucumb.	HV	Sep. or. r. Cor. light y		
23986	Cyathea	TF Trunk 6-8', Stipe 1-2';	crust fr. (Exclusive)		8-10'
23987	Selaginella	H			
23988	Dennstaedtia	H			
23989	Peperomia	Ep	Fls. pi. fem.		
23990	Vernonia	H 2.5-3'	Flowers lil. hesp.-wh.		
23991	Polybotrya	Twining up tree trunks			
23992	Elaphoglossum	On tree			
23993	Elaphoglossum	On tree			
23994	Blechnum	H			
23995	Culcitium	TF T 8-10'	slender Stipe 2', fr. ± 5'		
23996	Orchid	EH	Ber. wh. bl.-tinged & finely bl.-dotted		
23997	Mikania	HV	Buds only		
23998	Lasseaea	HV			
23999	Palm	Trunk 20-30' 2' diam.	Fr. to 30' l.		Pk. 5-13-5
24000	Miconia	T 10-15'	Pet. y-w.; stam. yth.		
24001	Asplenium	H			
24002	grass	H to 6'			
24003	Adiantum	H			
24004	Polypodium	On tree			

24005	?	T 15-25'	Fr. gr.	June 3	Dense forest	Quinina Bridge	La Merced
24006	Piper	T 12-15'					
24007	Philodendron	H climbing on tree trunks	Spathe gr.				1
24008	Palm	usually without developed trunk; fronds to 30' l.; leaves to 2.5' l. 4" w.					Ph. S-13-1
24009	Orchid	EH	3 seg. gr., purple-mottled in 2 seg. fl.		lip purplish-blotch; col. greenish wh.		
24010	Bromel.	H ter	spike 3-4' l. pls. imbricated				
24011	Myrsinac.	T 15-20'	Fr. gr.				
24012	?	S 10-12' with straight erect, simple stem;	fr. gr.		Thickets		Ph. S-13-4
24013	Elaphoglossum	H on tree			Dense forest		
24014	Cyathea	T F under ±6' very slender 3" diam. or less					
24015	Solanum	H ± 2'	Cor. w., anth y				
24016	Besleria	S 3-4'	Cor. or-y.				
24017	Acanth	H ± 2.5'	Cor. pink-wh				
24018	Comp.	HV or S climbing	fl. pink wh		woods		
24019	Dioscorea	HV	Pls. imbed				
24020	~~Polygala~~ Eucharis	H to 5'	Fr. bright r		Thickets		
24021	Selaginella	H			Dense forest		
24022	Hymenophyllum	on dec. log					
24023	Hymenophyllum	" " "					
24024	mass	" " "					
24025	mass	" " "					
24026	mass	on decayed vegetation					
24027	hepatic	on sandy soil					
24028	mass	on dec. log.					
24029	mass	on sandy soil					
24030	hepatic	" " "					
24031	mass	" " "					
24032	mass	" " "					
24033	mass	on dec. log.					
24034	mass	" " "					
24035	mass	" " "					
24036	mass	" " "					
24037	mass	" " "					
24038	mass	" " "					
24039	hepatic	on tree trunk					

24040	[illegible]	on twigs			June	3	dense forest	Quinin Bridge La Merced
24041	Crotalaria	S. 8-12'	pet. & sta. w.			4	thickets	La Merced
24042	?	T. slender	br. g.					
24043	Abutilon	T. 10-15'						
24044	Badbunya	S. 5-8'	pet. y.					
24045	Inga	H. U.	all pet pale bl. to w, deeper prox.				~~edge of woods along stream~~	W. U.
24046	Cordia?	T. 20-30'	sta. w.					
24047	Cecropia	W. U.	pubescence of fr. dull r.					
24048	apoc.	T. 20-30'						
24049	Eupatorium	H. U.	cor. tube r., lobes gnish. w.					
24050	Lab.	S. 6-8'	cor. tube gnish; lobes w.					
24051	Abutilon	H. U. on low shrubs in sand of str. bed.	all pet. y. tinged with pur					
24052	Physalis	H. coarse. 3-8'	pet. y.					
24053	Diodea	H. 2-4'	bran.					
24054	rub.	H. elong. to S. with W. U. much clasp.	all pet. deep bl.; bran. paler prox.					
24055	Solanum	W. U.						
24056	Plantago	H. 1.5-2.5'	~~br~~ cor. w.; ant. y.					
24057	unk.	H. in sandy soil of str. bed.						
24058	Solanum	H.						
24059	Myriocarpa	H. 1.5-3'	cor. w.; ant. y.					
24060	Piper	S. 15-20'						
24061	Eleocharis	S. 8-10'						
24062	?	H. in sandy soil of str. bed						
24063	Iromel.	S. 10-12'	~~br~~ fls. gnish.					
24064	Myriocarpa	H. on decayed tree trunks	fr. g.				wooded valley	
24065	Manchineta	T. 15-20'						
24066	Solanum	on moist bank						
24067	amarant.	H. 4-10'	cor. w.; ant. y.					
24068	Tectaria	H. 4-8'						
24069	Adiantum	H.						
24070	Nicotiana	H.						
24071	Anthurium	H. 6-15' very incon.	cor. tube cream w., lobes p.; fil & stig. gnish w.				ant. & stig g. to brown.	
24072	Lycopteris	H. terr.						
24073	Pilea microphylla	H. stipe 4', fr. 4' with 7-10 pairs of pinnae						
24074	Piper	H. succr						
		T. 12-20'						

24075	? inst	T. 15-20'		June 4	wooded valley	La Merced
24076	genus	H	cor. pale violet			
24077	? inst.	T. 15-20'	flo. w.			
24078	?	T. 20-25'				
24079	? Celtis	U.U.	br. pale y.			
24080	Sanchezia	S. 6-10'	br. br. r.; cor, ata, & sty. br. y.			
24081	mass	on tree				
24082	mass	on ground	stipe 3-4'; br. 4-6'			
24083	Lidsonia	H				
24084	? Acalypha	T. 10-15'				
24085	Miconia	T. 12-20'	fr. deep pur.			
24086	genus.	H. 3-5' with branches	elong. cor. br. o.r.			
24087	Gonioplebium	H. trunks (incl. st.) 4-8'				
24088	male.	T. 60-80', bran. near summit.				
24089	Piper	T. (bra. & flo. 3-5'	found a ground below)			
24090	Eupatorium	S. 2-2.5'	gap. & cor. tube grish w.; lobes & sty. bl.	5	open plateau	San Ramon
24091	Eupatorium	H woody	cor. tube grish; lobes bl.			
24092	Passiflora triloba	H.V.	see notes		in yard (trampl. from montaña)	Pl. K. B-32
24093	Piper	S. 5-7'			thickets	Naranjal 900
24094	? Clematis	U.U.	fil. grish w.; ant. y. to brown.		thickets	Huacapistana ±1000m.
24095	Calceolaria	H. to 3'	cor. br. y.			
24096	Centropogon	H. coarse, 1-4'	cor. rich p.			
24097	Begonia	H. 2-2.5'	bran. of mid. & upper st. w rich p. pet. p. to w.; ant. y.			
24098	solan?	H.	corolla purple-g.; lobes rich bl'd in., paler out			
24099	Phenax	S. 5-8'				
24100	Solanum	S. 8-10'	cor. bl.; ant. y.			
24101	solan.	S. 7-9'	cor. tube yish. g.; lobes brownish in; green out			
24102	Solanum	S. 6-8'	fr. g. with darker mottling			
24103	Crotalaria	H.	pet. y. - keel stiped with pur. prox			
24104	Rubus	U.U.				
24105	? Valeriana	H. coarse, 4-7'	cor. pure w.			
24106	Hydrocotyle	H. bran. trailing	pet. yish w.			
24107	Parsonsia	S. slender. 4-6'	~~cor~~ calyx (?) & pet. deep r.			
24108	Cracca	S. slender. 5-8'	pet. y.; ant. rich pur.			
24109	Phenax	S. 6-8'				

24110	Begonia	H	± 2'	pet. p. to w.	June 5 thickets	Huacapistana ± 1800m
24111	Solanum	S.	8-10'; stem ± 1.5" diam.	pet. w. ant. y.		
24112	Verbena	S.	6-12'	cor. pur.		
24113	? Hyptis	S. a T.	12-15'	cal. & cor. rich. bl.		
24114	comp.	S.	slender 5-8'	rays y. cor. tube g.-y.		
24115	Calceolaria	S.	bran. elong. stem erect.	lobes & stig. y. cor. br. y.		
24116	Epidendrum	S.	± 4'			
24117	orchid	H.	3-5'	sep. rich o.; column bronzish o.; lip y., fringe o.		
24118	Leb.	H.	ter.	pet. y.-g.		
24119	Pitcairnia	S.	6-10'	pet. p., galer. prox.; fil. w.; ant. y.		
24120	Castilleja	H.		cor. br. r.		
24121	lab.	H.		br. g. prox., r. dist.		
24122	Caryoph.	S.	slender, 5-8'	cor. o-p.		
24123	orchid	H.	repent in mats	pet. w.		
24124	orchid	H.	ter.			
24125	? Browallia	H.	ter	sep. y.-g. mottled with p.; column & lip deep p., suffused with y.		
24126	comp.	H.		cor. tube bl.-g.; lobes bl.		
24127	Calceolaria	S.	4-7'	rays & florets br. y.		
24128	Eupatorium	H.		cor. y.		
24129	Paspalum	S.	7-10'	cor. tube greenish; lobes & sty. w.		
24130	Cuscuta	H.				
24131	Tibouchina	S.	6-10'	cor. lobes cream w.; ant. [illegible]		
24132	rub.	S.	slender 4-6'	pet. rich bl.		open woods
24133	Clusia	H.	bran. pros.	br. br. bl.		
24134	Daucus	T.	10-12'			
24135	Lepidium	H.				
24136	Sipanea compacta	H.				
24137	Viburnum ramiflorum	S.	8-12' with bran. elong.			
24138	Psammisia	I.	12-15', much bran.; bran. elong.	cor. w.; fr. & each lobe slightly paler in. (lobes w. when y. aug.)		
24139	Myriocarpa	S. with elong. br.	I 10'	cor. brilliant o., fil. w.; ant. br. w.		
24140	Peperomia	T.	15-20'			
24141	rub.	H.	ter.; ± 2'			
24142	? rub.	V.	I w.	young cor. g. tinged with bl.		
24143	comp.	T.	12-15'	cor. & lobes y. I tinged with p.		
24144	Eupatorium	H.		cor. lobes w.		
		S.	slender, to 3'	cor. tube greenish.; lobes & sty. w. to pale bl.		

24145	Crotal	S. 6-8'		June 5 open woods	Huacapistana ± 1800m
24146	Polypodium	H.			
24147	Peperomia	H. terr.			
24148	Calceolaria	H.	cor. y.		
24149	Bocconia	T. 10-15'			
24150	Antherium	H. terr.			
24151	Clusia	S. 3-5'	pet. greyish w.; aut. bronzed		
24152	Ancimia	H.			
24153	lichen	~~on dry bank~~ on rock			
24154	lichen	" "			
24155	Peperomia	H. terr.			
24156	Melast.	T. 10-15'	br. g., twig with pur.		
24157	orchid	H. terr.	br. y.-g.		
24158	Valeriana? rub.	H. sulcate	cor. w.		
24159	Adiantum	H.			
24160	Peperomia Pilea	H. terr.			
24161	lyc.	terr.			
24162	rub? Valeriana	H. U.	cor. greish w.		
24163	lichen	on rocks			
24164	Hymenophyllum.	" "			
24165	Commelina	H.			
24166	fab.	S. to 4'	brac. clasp. pet. rich p.		
24167	Polypodium	H. on T.T.			
24168	lichen	on tree trunks			
24169	hepatic	" " "			
24170	?	T. 15-20'	br. y. to o.r.		
24171	Valeriana?	H.	cor. greish w.		
24172	Passiflora	H. U.			
24173	? Tovara	S. 16'	aut. y.		
24174	Cyperus	H.			
24175	Elaphoglossum	T.			
24176	& Centropogon	H. I woody H. 3'	cor. o.r.; lobes I y.		
24177	Elaphoglossum	H.			
24178	Passonsia	S. slender. 4-6'	caly. (?) & ~~cor~~ pet. dep. r.		
24179	Calceolaria	H. 8-6'	cor. pale y.		

24180	comp.	S. 3-4'	cor. lobes grnish w.	June 5	open woods	Huacapistana ± 1800m
24181	Solanum	H ± 3'	cor. pale bl.; ant. y.			
24182	Lapid ? Orch.	T. 9-12' trunk straight, per. gris				
24183	Nicotiana Saurauja	L. few. lrau. ant. y.				
24184	Stachys	S. ½-4'				
24185	Inga	H ½ to 6'	cor. tube + lobes pale bl. — lobes with a darker margin			
24186	Nyrocarpa Laevigata Kellog	T woody				
24187	Piper	S. 7-8'	bil. grnish w.			
24188	Peperomia	S. 4-6'				
24189	Habeliana	T. 10-12'				
24190	Peperomia	H. 1-2'				
24191	Pteris	H. terr	per. w.			
		H. terr				
		H.				
24192	Ipomoea	H. V.	cor. rich p. dull pale y.		6 open hillsides	
24193	amarant	H. 1-2'	heads grnish w.			
24194	comp.	S. 2-2.5'	rays & florets y.			
24195	Eupatorium	H. 2-2.5'	cor. tube grnish w.;			
24196	Lupinus	H. ½ woody	lobes & stig. w.;			
24197	acanth	S. slender 3-4'	very deep bl. w.; heel + stam. slightly paler			
		H.				
24198	mas	on rocks				
24199	Ipomoea	H. V.	cor. rich p., paler			
24200	Venonia	H. ± woody.	cor. tube w. prox.; lobes ting. with faint bl.			
24201	Epidendrum	H.	all pale reg. p.			
24202	comp.	S. 5-7'	rays & florets y.			
24203	melast.	T. 8-10'	pet. w.; ant. y.			
24204	Eupatorium	H. 1 3'	cor. tube grnish w.; lobes & stig. w.			
24205	lichen	on branches				
24206	Gnaphalium	H. 2-2.5'	heads silvery w.			
24207	amarant.	H. ± woody subscan.				
24208	?	S.				
		S. 7-9'	calyx dull p.; pet. rich p. fil. p.; ant. brick y.			
24209	Pitcairnia	H.	per. deep pur.			
24210	Gentiana	H.	pet. rich bl.			
24211	?	H.				
		H.				
24212	Xanthium ? subsp	H. 1-2'	cor. & calyx rich p.		woods	
24213	Bejaria	S. 1-2; spreading on ground	cor. p.; fil. w.; ant.			
24214	? Cuphea	S. or low T. 10-12'	cal. tube deep p.			

24215	comp.	S. 6-10'	pap. w.	Jungle woods	Huac	—	I 1800m
24216	orchid	H. terr.					
24217	sapot.	T. 10-15'					
24218	?	S. 3-5'					
24219	Tillandsia	E.H.					
24220	orchid.	E.H.					
24221	Malaxis	E.H.	per. sq. ~~nit. p. brn.~~ gnish, with faint pur. stripes				
24222	Polypodium	H.					
24223	Asplenium	H.					
24224	orchid	H. terr.			open hillsides		
24225	orchid	H. ep					
24226	Polypodium	H. on tree					
24227	Hydrocotyle	H. tangled					
24228	?	H. with elong. cor. tube pale gr, trans. rays & lobes deeper					
24229	comp.	H.	rays & floret y				
24230	Mandiaetium	H. woody, 1-3'	pet. red p.; ant. y,				
24231	~~grass~~ Carex	H.					
24232	~~grass~~ Carex	H.					
24233	rub.	H.	fr. br. o.				
24234	Cyperus	H.					
24235	comp.	S. 3-4'	rays & floret y				
24236	Osteomeles?	T. 8-10'					
24237	Lupinus	H. 1 2.5', 1 woody	uniq bl.; keel & stan. 1 paler				
24238	? Lantana?	S. 1 2'					
24239	Cracca	S. 1 2'	pet. y.				
24240	sedge	H.					
24241	orchid	H. terr.	per. g.				
24242	orchid yellow	H. terr.	per. br. y				
24243	Befaria	S. 4-5'	cor. pale p.; fil. w.; ant. pale y.				
24244	Macleania	S. 2-4'	pedicels & calyx pale p.; cor. red p., lobes paler, sometimes w.; fil. pink w.; ant. brick y.				
24245	Vaccinium	S. 2-3'	cor. w.				
24246	Miconia	S. 4-8'	pet. & sta. cream w.		thickets		
24247	Cavanilla	S. 5-7'	calyx g., r.-tip; ant. & sty y. — 1 r.-tip,		fr. pur.		
24248	Peperomia	H. terr.					
24249	comp.	H. 2-3'	rays & floret y				

24250	orchid	H ter		June 6	thickets	Huac.	I 1808 m.
24251	?	W.U.			woods		
24252	Lippia	S. 6-8'; with	cor. w.				
24253	Mimosa	S. 8-18'; long.	pet. br. bl.				
24254	Osteomeles	T. 8-12'					
24255	Lycopodium complanatum	H.					
24256	Psammisia ? vine	S. (fallen)	fr. g. to pur.	cor. tube & lobes pale w.; fil. w.; ant. br.			Ph. K - B-38
24257	Weinmannia	T. ± 20'	ant. fil. w.				Ph. K - B-39
24258	? prot.	S. 5-8'	cor. rich p.; stig. g. lobes pale.				
24259	? Hypericum	H.	stig. y.				
24260	euph.	H.					
24261	orchid	H ter	per. pale w.				
24262	?	T. 10-12'	fr. black.		thickets		
24263	? Oleander	W.U.	pet. y.				
24264	Cassia	S. ½-6'	pet. & fil. br. y.; ant. brown.				
24265	?	S. 5-8'; with erect bas.	fr. g. prox., r. dist. dependent.				
24266	Liplocampylus	H U.	cor. o. r, y. dist.				
24267	Lycopodium	H.					
24268	vacc.	H bran sub-	cor. w, p. tinge				
24269	Cavendishia	H fra. I woody 2-3'	when young. cor. w. pros., r. in middle dist. lobes g.; fil. w.; ant. br.				
24270	Veratria	S. sulcate.	cor. tube w, lobes bl.				
24271	Cyperus	H.					
24272	? Tayuya	S. 2-4'	per. pale g.; fil. pink w.; ant br.; fr. g.				
24273	comp.	S.	pap. pink w.		wooded valley		
24274	Pilea?	H.					
24275	Sellaginella	H.					
24276	Marchantia	du. wet soil					
24277	sedge	H.					
24278	Peperomia	H ter					
24279	Polypodium	H sp.					
24280	Tillandsia	E.H.					
24281	Pilea	H.					
24282	comp.	S I 8' to 4'	sup br. y.; cor. tube ↑ pap. pink w., lobes y. cor. br. r.				
24283	lobel.	H I woody					
24284	Weinmannia	S. 5-6'	(juvenile?)				

24285	Malaxis	H. ep.	per. dep y.	June 6 wooded valley	Huac.	I 1800 m
24286	moss	among roots of prec				
24287	orchid	E H.	fr. g.	bl. spike 4'l.	5 per. seg. mottled r. & y.; column & lip same prox- lip pale y. dist.	
24288	Nicotiana ?	S. 10-12'	cor. & fil. greenish w.			
24289	Psoralea	S. 5-6' brazing subfroat.	pet. bl.; ant deep o.			
24290	Comp.	S. 2-4'	dep. & sty. greish w.			
24291	Solanum	S. 8-10'	cor. bl.; ant. y.			
24292	? Nicotiana	H. U.	cor. greish w.			
24293	? Aralia	S. I 5'				
24294	orchid	E H.	per. greish w., spotted with pur.			
24295	orchid	E H.	per. greish w.			
24296	orchid	E H.	fr. g.			
24297	orchid	E H.	per. y.			
24298	Tillandsia	E H.				
24299	acanth.	S. 6-7'	cor. rich p.			
24300	Begonia	H.	pet. pale p.			
24301	amarant	U. U.				
24302	hep.	on tree				
24303	Comp.	S. 5-8'	rays & florets y.			
24304	Piper	S. 6-10'				
24305	Peperomia	H.				
24306	Asplenium viviparum	H.				
24307	Polystichum	H.				
24308	Botrychium virginianum	H.				
24309	Selaginella trisulcata Aspl.	H.	det. Somers 1978			
24310	Antrophyum	E H.				
24311	? Pasiflora	H.				
24312	orchid	H. terr.	3 sep. y-g.; column g, w. dist. lip w, marked with pur. at base			
24313	orchid	E H.				woods
24314	? Stachytarpheta	H. woody below 2-3'	fr. becoming pur.			
24315	Pleopeltis	H. on tree				
24316	Nicotiana	S. 8-12'	pet. & ant. cr. w.			
24317	Epidendrum	H.	5. sep. & column. br. o.; lip cor. p. y.			
24318	~~Lobel.~~ ? Brandia ?	S. slender 3-4'	br. y. ant. pale br.			
24319	Elaphoglossum	H. terr				Huichuts

24320	Guaphalium	H.	heads silvery w.	Jun to thickets	Huac	+ 1800 m
24321	Peperomia	H ter				
24322	?	H I woody				
24323	Passiflora	H. U.				
24324	Anemia	H				
24325	Piper	S 8-10' with well developed central stem & numerous lateral elong. branches				
24326	Ulmus	S. & much-bran T. cor. w.				
24327	Solanum	S. 12-15' or T. 10-15' bran. cor. w.				
24328	Anthurium	S. towards summit ant y. H ter.	spathe y			
24329	Clematis	U.U.	stg. y. pist y.			
24330	Passiflora ligularis	H.U. I woody (Cult.)				
24331	Waltheria	S 1.5-3'	Pet. w, ostam. y	7 Open hillsides	Carpapata	+ 2400 m
24332	Coriaria	S 4-8'	Pet. wh.			
24333	Parosela	S 3-5'	St. pink, wings & keel pk			
24334	Euphorb. ?	H succ.				
24335	Satureja	S 4-6'	Cor. r			
24336	Baccharis	S 2-3'	Pap. wh			
24337	Cordia	S ~~short~~ much-br., 4-7'	Cor. light gr. / bec. r.			
24338	Lupinus	S 2-3'	St. bl, w. dist. y centre; wings bl, k. gr-w			
24339	Duranta	S 2-4' elong. br.	Tube w, bl-tinged lobes light bl; fr y			
24340	Heracium	H	Infl. light y			
24341	Orchid	H ter	seg. brownish (rolled)			
24342	Peperomia	H ter succ.	~~Pet. y, red-striped~~			
24343	Oxalis	H succ.	Pet. y, r.-striped			
24344	Muhlenbeckia	S prost. br. w 2' l.	Infl. grish			
24345	Orchid	H ter	3 seg. grish-y, r.-striped in flox; lip fried;	2 seg. r. + w. transv. banded		+
24346	Plantago	H	Cor. grish-w			
24347	Orchid	H ter	Per. bright y			1
24348	Epidendrum	H ter	Seg. pi			
24349	Tillandsia	H ter	Per. inflated			
24350	Rhododendron	S par.	Pk. dark gr.			
24351	Meeboomia	H suboppost br.	Pet. purplish-bl			
24352	Boehmeria	S 5-7'	Infl. grish			
24353	Cavendishia	S 3-4'	Calyx pesh-r			
24354	Clitoria	S ± 2'	Pet. light pi.			

24355	Peperomia	H Ter	Spikes deep pi.	June 7 Open hillsides	Carpapata 2400 m.
24356	Valeriana "mollis"	H subscap. ± 4' l.	Cor. w		
24357	Tillandsia	H Epiph. ± 4'	Per. pink-bl ~~pink~~.		
24358	Cheilanthes	H			
24359	Comp	S 5-8'	Rays bright y florets deep yr		
24360	Lupinus	S 2-4'	Fl. t w. bl-lav. striped, st. y center		head blue, purple-tipped
24361	Trumpetta	S subpersist. Br.	Pet. y		
24362	Oenothera	H ± 1'	Pet. deep pi.		
24363	Wigandia	H coarse 3-4'	Cor. pink-w		
24364	Solanum	T 8-12'	Cor. cream-w, anth yr.		
24365	Solanum	S or Low T. 8-10'	Cor. rich pi, anth. y		
24366	Struthanthus	S par.	Fr. dark yr.		
24367	Tillandsia	Ep	Per. inrolled		edge of woods
24368	Calceolaria	H	Cor. bright y		
24369	Calceolaria "rosulis"	H ± woody 1-2'	Cor. bright y		
24370	Bomarea	HV	out. org. rich pi. in. - rich pink, yr.		apex, purple-mottled at upper margin
24371	Liabum	WV	Rays & florets y		
24372	Alonsoa	H	Cor. r; stam. y		
24373	Selaginella trisulcata Aspland det. Somers 1978	H ± repent			
24374	Bochmeria	T 12-15'	Infl. pink-w		
24375	Centropogon	S 3-5' elong. br.	Cor. rich pi		
24376	Centropogon	S 3-5'	Cor. r., lobes y		
24377	Calceolaria	S scandent	Cor. bright y		
24378	Leg.	WV.	Pet or. pi., yr. deep by		
24379	Ranunculus	H	Sep. y		
24380	Lob.	H	Cor. bl.		
24381	Mucuna	T 15-25'	Pet. o anth. w		
24382	Buddleia	T 15-20'	Cor. or.		
24383	Eupatorium	S 8-12'	Cor tube pink w, lobes o aty. rich pi		
24384	Rubus	S 6-8' elong br.	Pet. pi		
24385	Piper	T 10-12'			
24386	Stellaria	H matted			
24387	Salvia	H 3-5'	Cor deep bl		
24388	Mikania	WV	cor tube pink w, lobes o aty. w.		
24389	~~Croton~~ Solanum	T ~~12-15'~~ 10-12'	Buds yr.		

24390	Peperomia	H on tree trunk		June 7	edge of woods	Carpapata 2400-3000
24391	Barnadesia	T 10-15'	Rays rich pi.			
24392	Peperomia	H on tree trunk				
24393	Peperomia	H				
24394	Solanum	S subscand	Cor. wh. anth. gr.-y			
24395	Baccharis	S 8-10'	Florets grish-w			
24396	Solanac.	H along br.	Fr. gr.			
24397	Senecio	S 8-12'	Florets y			
24398	Grass	H				
24399	Anthoxanthum	H ter	Spathe deep pi. Florets r			
24400	Pilea	H br.			dense woods	
24401	Salvia	H along.				
24402	Comp.	H Coarse 8-10'; S 6-10'	Calyx & cor. purple-black Pappl. y		edge of woods	
24403	Piper	S 8-10'				
24404	Lichen	On tree trunk	Pl. grayish w			
24405	Lichen	" " "	Pl. deep purp			
24406	Gaultheria	H ± woody	Calyx red Cor. pinkish-r			
24407	Acaena	H ± woody repent	Pet. wh.			
24408	Pilea dauciodora	H ± rep. bel.	Pappl. grish w			
24409	Polypodium	H on bank				
24410	Elaphoglossum	H on bank				
24411	Elaphoglossum	" "				
24412	Euphorbia	H				
24413	Elaphoglossum	H				
24414	Elaphoglossum	H				
24415	Orchid	H ter	Per. dark gr.			
24416	Hydrangea	W V	sterile fl. w fertile grish-w			
24417	Polypodium	H rep. on trees				
24418	Epidendrum	H ter	Fr. gr.			
24419	Cayophora	H V	Pet. & scales gr.			
24420	Phlox	S 8-10'	Pappl. brownish			
24421	Mimosa	S elong. br.	Pet. blue			
24422	Sphaceb	S 5-15'	Cor. w & pink wh			
24423	Tibouchina	S lax br. 3-5'	Pet. pi., anth. y			
24424	Liabum	H ± woody below	Rays y			

24425	Comp.	T 12-15'	Infl. y	June 7	Edge of woods	Carpapata 3000 - 3200 m.
24426	Gentiana	H lax 6in to 3'	Cor. tubular-campanulate, 5 lobes, deep bl			
24427	Solanum	T 10-12'	Cor. oregon w auth. gr.			
24428	Panalea	S 3-4' along br	Pet. purplish-bl			
24429	Polypodium	On tree				
24430	Solanum	H ± 2'	Cor. w, tinged deep pi., auth. y			
24431	? Vacc.	T 12-15'	Pet. (?) y. wh.			
24432	Gaultheria	S 5-8'	Cor. wh			
24433	Calceolaria	H coarse 1,5-3'	Cor. bright y			
24434	~~Lycopodium~~	~~S 5-10' along br~~	~~Rays y, flor. gamil y~~			
24435	Epidendrum	H ter	3 Per. seg. gr.			
24436	Lycopodium	S along br.	Ray y			
24437	Lichen	On tree	Pl. dark gr., fr. y			
24438	Peperomia	H ter				
24439	Orchid	H ter	3 seg. brown, 2 seg. wh. apex, pi. point,			
24440	Alternanthera	H lax	Sep. w, pinkish, pros			light w, red-spotted
24441	Mikania	W.V.	Pap. wh.			
24442	Solanac.	H.V.	Br. gr., dark-striped			
24443	Mentha	S 3-4'	Cor. wh.			
24444	Lepanthes	E N	Seg. pi.			
24445	Moss	On branches				
24446	Hydrocotyle	H V	Pet. pink-wh			
24447	Comp.	H ± repent bel.	Rays y, flrets pink y			
24448	Melast.	S 3-7'	Pet. rich-purp.			
24449	Peperomia	H ter				
24450	Psychotria	S 8-10'	Br. gr.			
24451	Cuphea	S slender 3-5'	Pet. red			
24452	? Poiretia ?	S 5-7'	Bracts pi.			
24453	?	T 20-25'	Flr. white			
24454	Osteomeles	T 10-15'	Br. ~~pi~~ gr.			
24455	Lonatia	T 5-8'	Sep. bright pi			
24456	Rhododendron	T 10-15'	Flr. bright y			
24457	Pilea	H ascend. along br. to 3'	Sterile			
24458	Polypodium	On tree				Same forest
24459	Puccinia ?	S 4-5'	Br. pi			

24460	Piper	S 6-10'		June 7 Dense forest	Carpapata 3000-3200m.
24461	Maiotaina	S or T 10-12'	Cor. pi. to grish w		
24462	Diplazium	Caud. ± 1.5' erect	Fr. pinnate 6'		
24463	Anthurium	H ter Pet. ± 2' Spathe gr., opal. purple	pi lvs to 3' x 2'		
24464	Polystichum	H			
24465	~~Dryopteris~~ ~~Cyathea~~	~~T~~ H			
24466	Solanum	S along br.	Cor. wh., anth gr.		
24467	Selaginella trisulcata Aspl. det. Somers 1978	H ter			
24468	Oxalis	H succ. Pet. g, red-striped			
24469	? Begonia	T ~~10-15'~~ 15-25'	Fr. gr.		
24470	Centrosogon	S 4-6'	Cor. pinkish-r	Edge of woods	
24471	Miconia	T 25-30'	Fr. gr.		
24472	Dryopteris	H			
24473	Psammisia	S along br. to 10'	cor. pinkish w.; fil. w. anth. br. purp.		
24474	?	T 20-25'	fr. g.		
24475	Bideus	S. 7-10'	rays y.; cor. tube yellow g. - lobes y.		
24476	Abutilon	T. 10-15'	fl. pale y.		
24477	Myrica	T. 12-15'			
24478	Clitoria	S. 6-10'	all pet. pale g., pale pr		
24479	Centropogon	S. 3-4'	fil. w. anth. y., cor. rich. o. to y., lobes y.		
24480	Alnus	S. 15-25'			
24481	Passiflora	T			
24482	Odontoglossum	~~H~~ W.V. ter	~~H~~ 5 per sep. dull r., y at the edges; col. & lip y.		
24483	Pilea	H succ. with clasp			
24484	Pilea cuspidata	H succ. bran. to 3'		& Dense woods	
24485	Peperomia	H ter			
24486	cupl.	H ter.	br. g.		
24487	Hep.	On Polypodium			
24488	Asplenium	H			
24489	Cavendishia	S with clasp bran. to 6'	cor. p., w. - pur.; ant. w., fil. br.		
24490	Miconia	T 15-20'	Pet. + stam. pink w		
24491	Rapanea	T 10-15'	fr. gr.		
24492	Trichomanes	on decayed trunk of tree fern			
24493	hep.	on "			
24494	lichen	" "			

24493	orchid	H ter.	br. light g.	June &	dense woods	Carpapata 3000-3200 m.
24496	Canna	H 5-8'	sep. deep r.; pet. w. pink,		edge of woods	above Hilac. 2400 ~~2800-3000~~ m.
24497	orchid	E.H	per. sep. yel. g			
24498	~~sep.~~ lichen	on trees; plant blish. w.				
24499	Gonioblelum	H ep.				
24500	Bomaria	H V.	outer sep. p., inner & mar. g. dist, per. str. toward marg.			
24502	orchid	H terr.	br. g.			
24501	Elaphoglossum	H terr				
24503	Lycopodium	E.H.				
24504	grass	H				
24505	Commelina	H succ.	per. deep bl.		open hillsides	
24506	Clethra	H with lax branches up to 3.				
		T 15-20'				
24507	Piper	T 12-15'			e. of w.	
24508	Viburnum	S muscle-bran.				
24509	Asplenium Serra	S. 12-15'				
24510	lichen	H terr				
24511	Stelis	on tree				
24512	Epidendrae	H ter	Per. quite wh. ~~white~~ purple		open woods	
24515	Baccharis	H ter	5 per. sep. quite; col. lip y. with pur. dots;			
		O 3-4'	petals y-g.		prox.	
24514	Begonia	S succ	pet. w.; ant. y.		o.h.	
24515	Mammea	H 4'	pet. br. bl; ant y.		woods	
		O 3-4'				
24516	Micania	S. 8-18'	pet & sep. w.			
24517	Ipomoea	T				
24518	Cordia	H U.	cor. v. pale bas. p. middle, sep & lobes deeper, pet r. along midrib.		o.h.	
24519	Miconia	S. unbr. clay. g.	cor. pink. w.		woods	
24520	Clethra	S. bran. 6 g.				
		T 10-15'	mfl. yel-g.			
24521	Furcraea	T 8-12'				
		H fl. stalk 8-10', bo.	per. light g.,			
		eaten by mules	ant y.			
24522	Aralia	T 20-25'				
24523	Generae.	H to 3'	Bracts bright r.		dense forest	near Hac. Z Carbo-Schumbe, above San Pablo 1400-1700 m ~~1500-1800 m.~~
24524	Orchid	EH	Cor. tube pink, lobes bright y.			(Hacienda Chirijacu)
24525	Orchid	EH	Per. y.			
24526	Peperomia	H ter				
24527	Orchid	H ter	Pr. gr.			
24528	Urera	S 4-8'	much-clong. br. Pr. wh.			
24529	Polygonia	H coarse 6-10'	Rays opents y with dark pharp.			

1400-1700 m.
~~1200-1500 m.~~

24530	Phytolacca	H elong. br. 5-8', S spreading 8-12'	Sepals pi; fr. gr, bec. blk Cor. w, anth. bright y	June 8	Dense forest	Hac. of Carlos Schumke, above San Ramón
24531	Solanum					
24532	Asplenium	H				
24533	Piper	S 6-8'				
24534	Hep.	On soil				
24535	Hep.	On soil				
24536	Asplenium	H				
24537	Anthurium	H ter				
24538	Diplazium	H				
24539	Dryopteris	H				
24540	Marattia	H Stipe 2' Fr. ± 4' (basal pinnae only as spec.)				
24541	Cyathea	TF Caudex erect 4-6' Stipe 3', fr. 5'				
24542	Peperomia	H ter				
24543	Tillandsia	Ep H				
24544	Rubiac.?	H ± 3'	Fr. rich pi.			
24545	Piper	T 10-15'				
24546	Dichaonia	TF Caud. erect. H. 3-5'; fr. 5-8'				
24547	Asplenium	H				
24548	Hemitelia	TF Caud. 2-3', erect				
24549	Acalypha	S 6-8'				
24550	Dryopteris	H				
24551	Philodendron	H ter	Spathe gr.			
24552	Piper	T 12-15'				
24553	Piper	T 10-12'				
24554	Dichaonia	TF Sp. 4-5' Fr. 5-7'				
24555	Anthurium	H ter	Two spikes in crown; leaves to 3' wide			Alt S. 13-15
24556	Costus	H ± 5'	Br. r, per. y, pet. w tipped r			
24557	Musa	On bank				
24558	Hep.	On bank				
24559	Coccocypselum	H prost. br.	Fr. bright blue			
24560	Paspalum	H				
24561	Acalypha	S 6-10'	Septa red			
24562	Dianthera	S compact 6-8'	Cor. red			
24563	Dryopteris	H				
24564	Richardia	S along br. 1½-3',	Cor. ⅞ wh.			

1400-1700 m
~~1200-1500 m~~

24565	Dicranopteris	H in dense clumps, to 5' long		June 8 Dense forest. Hac. of Carlos Schmahl, above San Ramon.
24566	Dryopteris	H		Thelypteris liprieurii (Hook.) Tryon det A.R. Smith 1984
24567	Polypodium	Ebt		
24568	Rub	S 5-8'	Branches spiny, r calyces hi.; cor. purple-pi.	
24569	Acanth.	S 5-8'	Cor. rich pi, lustrous	
24570	Asplenium	H		
24571	Adiantum	H		
24572	Cyathea	TF Caud. erect 6-8' stipe 3-4', fr. 4-6'		
24573	Anthurium	H ter	Fr. deep gr.	
24574	Saccoloma	H		
24575	Peperomia	H ter		
24576	Peperomia	E H		
24577	Asplenium	H		
24578	Peperomia	H ter		
24579	Cyathea	TF Caud. 4-6', erect stipe ± 1 ft.; fr. 6-8'		
24580	Marcgravia	S climbing 8-10'; br. Fr. gr.		
24581	Anthurium	H climbing tree trunk		
24582	Cordia nodosa	S 4-6'	Fr. gr.	
24583	Evea	S 6-10'	Br. scarlet	
24584	Psychotria	S 8-12'	Fr. deep bl.	
24585	Piper	S 8-12'		
24586	Plenothallis	Ebt	Buds g-g	
24587	Vittaria	Ebt dependant fronds;	fr. to 5' l.	
24588	Anthurium	H ter	Spathe gr; spadix purple	
24589	Anthurium	H ter	" " " "	
24590	Anthurium	H ter	" light gr.; fr. deep r	
24591	Polypodium	Ebt		
24592	Polypodium	Ebt		
24593	Vernonia	S 6-8' climbing br.	Infl. purplish	
24594	Anthurium	H ter	Spathe gr., spadix brown	
24595	Trilandsia	Ebt		
24596	Psychotria	S 4-6'	Fr. dark blue	
24597	Philodendron	H ter	Spathe light gr.	
24598	?	S 4-6'	Fr. gr.	
24599	Orchid	Ebt	Fr. brown	

1400-1700
~~1500-1500~~

24600	Begonia	T 6-15'	Pet. wh. auth. y	June 8	Dense forest.	Nac. of Carlos Salcuche, above San Ramon
24601	Peperomia	S 8-10'	Tr. deep bl.			
24602	Philodendron	EN vine-like from the trunks				
24603	Peperomia	On branches				
24604	Guzmania	Hter				
24605	Polypotrya	Climbing on tree trunk				
24606	?	S 8-12'	Cor. pink-w. fainth spotted pi; fr. bright	orange		
24607	Sapot.	T 15-25'	Tr. gr.			
24608	Bactris	Pr. 3-4'	Cupl. pink-wh. gr. fr. dark			
24609	Anthurium	EH				
24610	Pitcairnia	H	Flowering spike 08' Lvs to 6'		Thickets	
24611	Anthurium	H	Spathe gr. spad. wh.		Dense forest	
24612	Anthurium	EH	Spathe gr; spad. deep pi			
24613	Asplenium	On tree				
24614	Peperomia	On tree				
24615	Asplenium	H at base of tree				
24616	Piper	S 8-10'				
24617	Lacistema	T 10-15'				
24618	Orchid	EH	Tr. gr.			
24619	Stelis	EH	Per. pure wh.			
24620	Blakea	S 12-15'	Pet. pi.; stam. w		Edge of woods	
24621	Urera	S low	Sep. gr.; anth. w			
24622	Mendoncia	HV	Cor. deep r.			
24623	Palicourea	S 3-4'	Pr. pale blue			
24624	Vernonia	S 6-8' along br.	Cor. tube pale pi.; lobes & style deep bl.		Thickets	
24625	Eupatorium	S 6-8'	Fl. heads light pi			
24626	Melast.	T 40-60' spreading branches	Buds gr. Pg. gr.		Clearing	
24627	Miconia	T 12-15'	Fr. dark			
24628	Piper	T 8-12'			thickets	
24629	Piper	S 7-10'				
24630	dullen.	T. ~~60~~ 60-80'			dense forest	
24631	lichen	on tree trunks				
24632	Canna	H 4-8'	Pr. br. r.		edge of woods	
24633	Chelonanthus	H 4-7'	Cor. y. g.		clearing	
24634	Hyptis	S 5-7'	Cor. tube w. lobes bl, darker at edges			

1400-1700
~~1300-1600~~m.

24635	Uniconia	T. 10-15'	buds quite w.- br. deep pur.	June 8 dense forest	Hac. of Carlos Schumke, above San Ramon
24636	Piper	T. 30-40'			
24637	Sellaginella	H. pros. on banks.			
24638	?(aral.?)	T. 20-30'			
24639	Tectaria	H. br. up to 8' l.			Ph. S. 13-19
24640	Sanchezia	S. 4-8'	bracts br. r., paler on y prox. cor. br. y.		
24641	Acalypha	T. 8-12'			
24642	Dicksonia	H. stipe 2-3'; fr. 5-7'			
24643	Adoplila	T.F. trunk erect, 10-15'; stipe 2-4'; fr. 6-8'			
24644	Miconia	T. 10-15'	br. pale bl.		
24645	Cyathea	T.F. caudex erect 4-6'; stipe ±1', fr. 4-6'			
24646	Diplazium	H.			
24647	Anthoceros	on moist soil			
24648	Dicksonia	H. st. 1-2'; fr. 4-6'			
24649	Commelina	H. 3-5'	per. g. prox. w dist. fr. pur.		
24650	Dryopteris	H.			
24651	Saniopleblum	H. br. 4-5'; st. 6-8'			
24652	moss	on log.			
24653	moss	on log.			
24654	Piper	T. 8-12'.			
24655	Sellaginella	H. on ~~trunk~~ decayed log	diffusa (Presl) Spring det. Somers 1978		
24656	Peperomia	H. on decayed log			
24657	Sellaginella	H. on banks			
24658	rub.	T. 8-12'			
24659	Dryopteris	H.			
24660	rub.?	S. 8-12'	fr. deep pur.		
24661	moss	on moist soil			
24662	fungus	on decayed log			
24663	moss	" " "			
24664	Peperomia	H. ter			
24665	Centropogon	H. 2-4'	cor. br. r.		
24666	Anthurium	H. ter.	spathe pen. ob. g. in spadix pur.		
24667	Saniopleblum	H. ter			
24668	Anthurium	H. ter.	spathe pen. ob. g. in spadix pur.		
24669	orchid	H. ter.	per. ov. g.		

1400-1700 ~~1300-1500~~ ft

24670	leg.	on decayed log		June 8 dense forest Hac. of Carlos Schmuker, above San Ramon	
24671	leg.	on tree			
24672	palm	T trunks 6-10', infl. below crown of lvs.	lvs 4-5' l.		
24673	acanth	H	cor. tube w, lobes r.g. pale pur.		thickets in deserted clearing
24674	Rheibornia	S. with branches. elong. to 6'	jet. ~~pale pur.~~ grish. w.		
24675	Dryopteris	H			
24676	Pilea	H			
24677	Eupatorium	H	cor. tube w; lobes & stig. w. to pale bl.		
24678	Vernonia	S. 4-8' with elong. branches.	cor. tube grish, lobes bl.		
24679	Peperomia	E.H.			
24680	lichen	on trees			
24681	leg.	" "			
24682	cryp.	H	rays w, trig with bl.; florets y.		
24683	Peperomia	H ter.			
24684	Canna	H lvs up to 10' l.	tract g. pros. p. dull.		
24685	rub.	S. 6-10'	fr. g.		dense forest
24686	Histiopteris	S. 3-4'; ~~stipe~~ (incl. stipe) H. about 2.5';	bran. near summit cor. & fil. w., aust br.		
24687	genus?	H 2-3'			
24688	acanth	H with slender bran.	car. bl.		
24689	melast	S. 4-6' slender,	fr. g.		
24690	melast	S. 3-5'			
24691	Adiantum	S. 2-4'			
24692	cucurb.	H.			
24693	orchid	H.V.	car. g-y.		thickets
24694	Paliconnea	L.H.	br. g.		deep forest
24695	grass	H 2-4'	br. pale bl.		
24696	Pteris	H. bran. elong. to 10'			
24697	Pteris	H.			
24698	Adiantum	H.			
24699	? melast	S. 4-6'			
24700	palm	T. trunks erect, 15-20'; slender, infl. just below leaves in a crown at summit			per. w, I trig with bl.
24701	? rub.	H 2-4'	per. grish.		
24702	palm	H trunks subt. or erect to 1'			
24703	Peperomia	H ep.			
24704	Lonchophlebium	H ep.			

24705	Asplenium	H	sp.					
24706	falcatum.	H	trunk slender 8-15', infl. just below lvs in a coma at summit	June	8	dense forest	Hacienda Carlos Above	Schrenk, San Ramon
24707	Cinea?	S	6-10' br. grish. w.					~~Tree ferns~~ 1400-1700
24708	Siphocampylus	S	; with brau. drooping	car. o.r.,				
~~24709~~	geaver.	S.	aut. elong to 10'	y. dust.				
			car. o.r. out	y. in				
24710	Dryopteris	H	with pur. spots dist in.			fern hillside		
24711	Stachys	H						
24712	~~ammoc~~?	H	car. w. prox, gl. dist.					
24713	mubel.	H	br. g. car. w.					
24714	Malvaviscus	S	8-12' pet. w. ; aut. y.					
24715	Physalis	S	3-4' with pet. rich p.			clearing		
24716	cucurb.	S	elong. brau.					
24717	Canna	H	2-4' infr. br. y. edible					
24718	geaver?	S	car. o.r. ; aut. pale y.		9	edge of woods		
24719	Commelina	H	5-8' br. br. r.					
24720	?	H	2-3' car.(?) br. o.			dense forest		
24721	Piper	S	2-3' per. w. ; br. pur.					
24722	?	H	3-6'					
24723	Piper	S.						
24724	Dryopteris	T.	10-12'					
24725	Anthurium	H	ter.					
24726	Peperomia	H	ter.					
24727	grass	H	ter					
24728	solan.?	H				thickets		
24729	Vicoria	H	3-4' I woody below.	fr. g.		dense forest		
24730	Diplazium	T	12-15' fr. deep pur.					
24731	Blechnum	T	stipe 2-3', fr. 2-3'					
24732	Iresine	H						
24733	myrt.	H	brau. elong to 6'			thickets		
24734	?Inga?	T	10-15' pet. w, p. tinj ; fil. w. aut. y. fr. edible			clearing		
24735	fab.	T	15-20' fr. edible					
24736	Vicoria	T	slender. pet. y. with pur. stripes					
24737	Cecropia	T	10-12' fray. ; fr. edible			thicket		
24738	Vicoria	S.	slender fr. deep pur.					
24739	Vicoria	T	2-3' slender, brau. near summit, 30-40'				above San Ramon	1100-1300 m
		T	10-12' fr. bl. to pur.					
		T.	12-15' brau. of infl. fr. ; fr. deep bl.					

24740							
24741	Lacistema	T 10-15'		June 9	edge of woods	above San Ramon 1100-1300 m.	
24742	camp.	S. 8-10', with rays; fl. ecto y. S. elong. bran.					
24743	camp.	S. slender, with bran. S. elong to 8'					
24744	Piper	T 10-15'					
24745	Miconia	T 10-12'	fr. bl.				
24746	?	T 20-25'			clearing		
24747	?	T 15-20'	per, + sta. greish. w.		edge of woods		
24748	camp. Vernonia	S with bran. elong to 8'	cor. pale y.				
24749	Guamochet nb.	H U.	cor. br. r.				
24750	Acalypha	S 6-10'					
24751	Evea	S. 8-10'	br. br. r.				
24752	Clusia	T 12-18'	pet. p.				
24753	Root?	T with bran. elong to 15' S.	pet. p.				
24754	orchid	E Hs	per. sq. greish. y.		dry woods		
24755	Miconia	S slender S. 6-8'	pet. br. bl. fr. grn.				
24756	grass	Hs 3-5'					
24757	Serjania	W.V.	per. greish. w.				
24758	Mikania	H U.					
24759	Miconia	S 6-10'	pet. w.				
24760	orchid	E. Hs	fr. g.				
24761	orchid	E. Hs	per. pale y.				
24762	orchid	E. Hs	per. salmon p.				
24763	orchid	E. Hs	br. g.				
24764	lichen	E Hs					
24765	Miconia	on trees					
24766	Miconia	S. 2-4'	pet. br. bl.		edge of woods		
24767	?	T 15-18'					
24768	Mikania	T. 10-15'	buds + fr. greish.				
24769	lab.	H U.					
24770	Weinmannia	H U.	pet. bl.		~~edge~~ dry woods		
24771	Clethra	S slender S. 8-12'	pet. w.				
24772	Elaphoglossum	T 10-15'					
24773	?	Hs ep-					
24774	Mikania	T 10-12'					
		W. V.					

24765	Miconia	S	3-5'		June 9	thickets	San Ramon.	900-1100 m.
24766	comp.	S	3-5'	ray & flowers y.				
24767	Miconia	S.	4-6'			open hillside		
24768	?	T.	slender t-12'					
24769	Befaria	S.	or small T.	cor. pale p.				Ph. S. 13-23
24760	comp.	S.	5-12'					Ph. S. 13-20
24761	Miconia	T	10-12'					
24762	Rapala	S	6-8'	pet. & fil. w.				Ph. S. 13-22
24763	? Euph.	S.	5-8'	cor. cream. w.				
24764	grass	T	10-12'	br. pur.				
24765	Selaginella	H	to 4' high					
24766	?	H	on banks			thickets		
24767	Borreria	S	3-4'	pet pale y.		o.h.		
24768	? rub.	S.	much. bran.	cor. w.				
24769	sapot.	H	2-4'	cor. tube deep p., lobes pale				
24760	Miconia	T.	25-40'	pet. cor. white w.		woods		
24761	Marcgraeavia	T.	8-12'					
24762	Miconia	S.	slender	pet. rich p.				
24763	Eupatorium	S	2-3					
24764	? Hirtella	S	3-5'	pet. w.				
24765	?	S	4-6'	cor. tube pink;				
24766	?	S.		lobes & sty. bl.				
24767	comp	T.	10-15'	pets. pink; bl. & pur.				
24768	Oreopanax	T	15-25'	pur. dust. pet. deep r.				Ph. S. 13-24
24769	?	S	with bran.	cor. pale pur.				
24770	?	S.	clavate 6'					
24771	?	T	6-15' lvs & fruit at ends of bran.					
24772	?	I.	8-12'					
24773	?	T	10-12'	buds pink. y.				
24800	~~Psammisia~~ melast.	T.	20-30'	cor. becoming black				
24801	~~Ipomoea~~ ? bignon.	S	8-12'	cor. pale bl.				
24802	Abutilon	S.	10-15'	pet. br. y.		thickets		
24803	Miconia	S.	8-12'	bran. of pistils deep r.; fr. pur.	11	dense forest	Hac. of Carlos Schunke, above San Ramon	1400-1700
24804	Asplenium	H						
24805	Siphocampylus	H	with bran. deform.	cor. br. o., y. dist.				
24806	genus.	S.	& clavate 10'					
24807	leg.	H		cor. w. marked with bl. at base of lobes in.				
24808	leg	H	on fern fronds					
24809	Peperomia	H	on banks					
		H	ter.					

24810	Selaginella diffusa (Presl) Spring	H	on banks	det. Somers 1978	June 11	dense forest
24811	cucurb.	H.V.		cor. grnish y. fr. light y.		
24812	Cleome	S.	5-10', with main central stem			
24813	moss		on trees			
24814	Asplenium alatum	H				
24815	Peperomia	E.H.				
24816	Peperomia	E.H.				
24817	Tarenna	S.	2-3'	fr. br. r.		
24818	hep.		on decayed log	fr. spreading w. powder when touched		
24819	Didymoclaena truncatula	H		fr. about ½'		
24820	Dianthera	H		cor. r.		
24821	grass	H				
24822	Clibadium	S.		cor. w.; aut. deep brown		
24823	moss		on decayed log			
24824	moss		" " "			
24825	grass - Ischaemum?	H.				
24826	fungus		on decayed log			
24827	aroid	E.H.				
24828	moss		on stones			
24829	Rhododendron	S.	parasitic on coffee trees			thickets
24830	moss		on stones			dense forest
24831	? fam.	T	15-20'	buds g.		thickets
24832	Trichomanes	H	ter.		12	dense forest
24833	Trichomanes	H	sp.			
24834	Burmannia	H	ter.	per. w.		
24835	Voyira	H	ter			
24836	lichen		on twigs			
24837	Asplenium	H	ter.			
24838	Peperomia	H	sp.			
24839	Peperomia	H	sp.			
24840	Hymenophyllum	H	sp.,	fronds dependent		
24841	hep.		on trees			
24842	lichen		on trees			
24843	Hymenophyllum	H	sp.			
24844	Hymenophyllum	H	sp.			

Hac. of Carlos Schmidt, above San Ramon, 1400+700m

24845	Polypodium	H ep.		June 12 dense forest Hac. of Carlos Schunke, above San Ramon, 1400 + 200 m.
24846	Polypodium	H ep.		
24847	Polypodium	H ep.		
24848	Polypodium	H ep.		
24849	lep.	on tree		
24850	Hymenophyllum	H ep.		
24851	Hymenophyllum	H ep.		
24852	orchid	E H.	per. ~~o~~ gnds y.	
24853	orchid	E. H.	spur w.; 2 per. sep. light y.; 1 sep. w., bl. tip at upper marg.;	
24854	orchid	E H	lip w. out. stained with dep. pur. in., y. at center. per sep. grish w. g. tip.	
24855	orchid	E H	per. ? brish. (wilted)	
24856	orchid	E H.	per. sep. rose v. faintly	
24857	Liparis	H ep. !	mottled with pur. br. g.	
24858	orchid (Maxillaria?)	E. H.	per. sep. lig at y.	
24859	orchid	E H	per. ~~sep~~ yish g.	
24860	orchid	E H	3 per. sep. yish g.; 2 sep. deep p.	
24861	orchid	E H	br. dark g.	
24862	orchid	E H		
24863	Epidendrum	H ter.	5 sep. g.; lip w. pur. striped	
24864	Rattleanum	H ter	column. lig lil g. at base, pur. at center, w. at apex, ~~with g~~	
24865	Selenia	H in clumps	spathes y.; spadix purish p.	
24866	Baulbsea	H up to 3'		
24867	lep.	H D.		
24868	Maxillaria	on trees		
24869	vacc.	S to 10'; stem.	calyx redsh p.;	
24870	Weinmannia	S elong.	sep. g.	
24871	Cyathea	S subscan.	cor. pale p.	
24872	Bromelia	S straggly.		
24873	Columnea	S 10-12'		
24874	Orchid	T. F. slender	Caudex erect, 1 2' h.,	
24875	Lemosbrynn	H ± 2.5' ter	Bracts bright r.	
24876	Paliscurea	E N	Fos gpr. with dark	
24877	Amona	E H	gr. nerves; fos reddish br.	
24878	Oleandra	S 2-4'	Per. with fr. light gr.	
24879	Orchid (Calandria)	T 15-20'	Fr. pale blue	
		E. H.	Pls. gr	
		H ter	Sep. wh., pi. tinged lip deep-purpl.-dotted	

24880	Anthurium	H ep	Spathe gr. Spadix pale gr.	June 12	dense forest, Hac. Carlos Sahumbe	1400–1700 m. above San Ramon
24881	Selaria	H subscand to 8'	Fr. white			
24882	Cavendishia	S along to 8'	Bract pale pi.			
24883	Maxillaria	E.H	3 seg. coral-pi., lip purple tesab			
24884	Gossypium	S 6-10'	Pet. y		thickets above San Ramon	1100–1300 m.
24885	Lichen	On twigs	Sle y		edge of woods	
24886	Orchid	E.H.	5 seg. thick r. lip	cream wh.; col. deep purpl. prox. gr.-w dist		
24887	Spiranthes	H ter	Per. gr.-w			
24888	Crotalaria	H ± woody bel. to 3'	Pet. y, faintly r-striped			
24889	Paduva ??	T 12-20' at summit of thin racemose	Fr. grayish pi.			
24890	? Lapia	T 20-30'	Sep. y-g; fr. g-g			
24891	Roupala	T 15-20' slender trunk	Sep. pink-w			900–1100 m.
24892	~~Rubi~~ Byrsonima.	T 15-20'	Fr. gr.			
24893	Baccharis	S 3-5'	Sheets w, pi.-tinged dist.		Open thickets	
24894	Mikania	W.V.	Buds gr.		thickets	
24895	Isachne	N ± scandent				
24896	Lasiacis	H V	Fr. dark gr.			
24897	Mikania	W V	Buds gr.			
24898	Leucaena	T 20-25'	Fr. gr.		second	
24899	Clusia	T 12-15'	Fr. gr.			
24900	~~Lact.~~	T 15-20'	Cor. cream wh.			
24901	?	T 20-25'	Buds ~~buff~~. gr.			
24902	Sturtanthus	S par. on liana	Infl. light gr.			
24903	Dioscorea	H V	Fr. gr.			
24904	Orchid	E H	Seg. wh., lip pink-tinged			
24905	Comp.	S 5-7'	Rays pl. y			
24906	Anacard. ?	T 15-20'	Fr. gr.			
24907	Passiflora coriacea	H V	Fr. gr.		thickets	
24908	Melbomia	H base scan. to 5'	elong. pet. w. dist;	14		Colonia Perene
24909	comp.	H Coarse, 3-5'	cor. tube gnat.; lobes + sty y			
24910	Polygala	H 2-4'	pet. pale bl. to w.			
24911	Phenax	S 6-8'				
24912	Cryoplenis	H stipe 1.5-2';			dense forest	
24913	maranth	H up to 2-4' infl. basal ~~bra~~ stems.				
24914	Sanchezia	S 7-10'	Cr. y.; young corolla pi.			

24915	Asplenium	H	June 14 dense forest	Colonia Perene	
24916	Dicksonia	H stipe 2-3'; fr. 4-5'			
24917	Polypodium	H. ter.			
24918	Sellaginella	H.			
24919	Pepperomia	H. ter. lvs. striped with pale above, purr. below.			
24920	Goniophlebium	H. ep.			
24921	Cornelina	H. 1-2' fr. purr.			
24922	Piper	S. slender, 2-4'			
24923	Tectaria	H.			
24924	Asplenium	H.			
24925	Asplenium	H. caudex slender.			
24926	palm	P 1-3'; infl. below lvs, lvs 3-4'	han. of infl. o.r.		
24927	Paleonnea	S. 1.5-2.5' fr. o., becoming black			
24928	Piper	S. 10-12'			
24929	Carludovica	H 1.5-2.5' fr. o., becoming black			
24930	hep.	on leaves			
24931	lichen	on trees			
24932	Palicourea	S 3-5' br. pale bl.			
24933	? Myrt.	S 8-12' br. purr.			
24934	Palicourea tomentosa	S. 2-3' br. bl.			
24935	?	T. slender, 20-25'			
24936	hab.	S. 8-12'			
24937	Psidium	H 2-3'			
24938	Piper	S 8-10'			
24939	Vernonia	S lvs. elong. 8'.	cor. tube pale bl; lobes deeper.		
24940	acanth.	S 3-4'			
24941	camp.	S. 3-4' cor. tube purpl.; lobes y.			
24942	Sellaginella	H.			
24943	fungus	on decayed log			
24944	?	S. 2-4'			
24945	lichen	on tree trunks			
24946	orchid	E H.			
24947	Evea	S 6-8' br. br. r.; cor. paley.			
24948	Schomburgkia	H 6-12'			
24949	~~Heliconia~~ ? Amom.	S. 6-12'			

24950	Nuconia	T. 15-25' slender, dk. & ant. w.	June 14 dense forest	Colonia Perene	24950
24951	orchid	E H. Yang pur. sep. pur.			24951
24952	Elaphoglossum grande	H ter.			24952
24953	?	S 3-5'			24953
24954	Elaphoglossum squamatum	H ter.			24954
24955	Hymenophyllum	H dependent Han-lanes			24955
24956	Trichomanes	H erect.			24956
24957	Weinmannia	T. 20-30'			24957
24958	orac.	H ter			24958
24959	Nuconia	S 15-15' br. becoming bl.			24959
24960	orchid	E H. per. pink w.			24960
24961	Banisteria ? (sterile)	~~H ter. scan. brown~~ W.V.			24961
24962	aroid	H ter			24962
24963	Peperomia	E H.			24963
24964	Piper	S 8-12'			24964
24965	Piper	S. 8-12'			24965
24966	Psychotria	S. 6-15' cor. o.r. ; br. r.			24966
24967	Cassia	S. 2-3' ~~pet~~ pet. y.			24967
24968	Tibouchina	S 2-4' pet. w., anth. y.			24968
24969	Mutingia	S erect 4-8' ~~S. ~~ Cor. pinkish gr.	15 thickets		24969
24970	Hyptis	S slender much br., 3-5' Cor. pinkish-blue, pale			24970
24971	Eupatorium	H 3-4' cor. tube purish-w lobes r. blue pi.			24971
24972	Chaloenanthus	H Cor. light gr.			24972
24973	Jacquemontia	HV Cor ~~light~~ bright bl			24973
24974	Nelsonia	S 8-10' along erect br. Flowers pinkish-bl ovule.			24974
24975	?	T 20-25' Fr. white			24975
24976	Ipomoea	HV Cor. pure w, Sep. light gr			24976
24977	Vismia	T 12-15' tr. ± 2" Pet. y dk. gr. anth. o			24977
24978	Befaria	T 10-12' Cor. pale pi stripe	light gr.		24978
24979	Tibouchina	H 3-4' woody bel. Pet. light pi; anth y			24979
24980	Vernonia	S low Flowers pi			24980
24981	Eupatorium "vulgare"	S 5-8' Flowers pale pi to w			24981
24982	Vernonia	S erect with central stem 1 ± 2-3' Flowers light pi; style dark pi.			24982
24983	Eupatorium	S 3-4'; slend. br. Corolas w, slig. pale pi			24983
24984	Pityrogramma "aurea"	H	Rocky cliff		24984

24985	Alternanthera	H ± 4' stem simple below	middle	Infl. grnish w	June 15	Open rocky bank	Colonia	Perenn
24986	Solanum	S 6-10'	Cor. wh., anth y			thickets		
24987	Lasiacis	HV	----			~~woods~~		
24988	Begonia	H sme to 2'	Pet. wh., anth y			"		
24989	Salvia occidentalis	H straggly	Cor tube light bl lobes deep bl			thickets		
24990	~~Paul~~ Cordia	S 6-8'	Fr. gr. (not ripe?)					
24991	Mikania	HV	Bracts light gr.					
24992	Hibiscus	H coarse 6-7' ± woody bel.	Pet. light y					
24993	Tournefortia stacea	S 5-8' slen br.	Cor. cream w					
24994	Canna	H	Fr. gr.					
24995	Inga	T 30-40'	Pet. gr.; ~~stam~~ w.; anth dk gr					
24996	Struthanthus	S par	Fr. dark gr					
24997	Marchantia	On bank						
24998	Moss	On bank						
24999	Dalechampsia	HV	Bracts light gr Fr. gr					
25000	Passiflora biflora	HV	Sep. grish wh out, wh in Pet. w.; ovt fils light y,,		ovary grish w, much smaller			
25001	Piva	H 2-3'	Cor. pinkish blue, paler		ovt			
25002	Panicum	H						
25003	Begonia	H	Pet. pk.; fr. gr.			moist bank		
25004	Mikania	HV ± woody	Pap. wh.			thickets		
25005	Warszewiczia	T 12-15' slender tr.	Bracts ~~beauty~~ pearly cor					
25006	Wissadula	H ± 3'	Pet. light y					
25007	?	S 8-10'						
25008	Ipomoea Bijou.	W.V.	cor. pale pur, w. prox					
25009	Castilleja	H	br. 9. prox, r. dist					
25010	rub.	S 1-2' bran. S. elong to 6', prop.	Cor. w.					
25011	malpighi	S 8-12'	Fr. g.					
25012	Vernonia	S. slender, 3-5'	Cor. tube grnish, lobes pur.					
25013	Vernonia?	W.V	Pap. w.					
25014	Ipomoea	H.V.	Cor. w.					
25015	Tragodiscus	H.V.						
25016	bab.	H.V.				words		
25017	Cestrum?	S 8-12'						
25018	Acalypha	S. slender, 6-10'						
25019	?	S 12-15' with subscan. bran.						

25020	acanth	H	2-3'	cor. br. r.	June 15 woods	Colonia Pesme
25021	?	S.	12-15'	buds yel. g.		
25022	gesner.	H	1.5-3'	cor. br. r. axil, y. in, r.-spotted.		
25023	acanth	H		main trunk tra., flowering branches ext. bl. dist.	cor. w. pro,	
25024	Pilea sp	S.	8-12'		thickets	
25025	Piper	S.	8-10'			
25026	heliotrop.?	S.		slender		
25027	?	S.	6-8'			
25028	Vicoa	T	12-15'		woods	
25029	sub.	T	12-18'	cor. sta. & sty. w.		
25030	Weinmannia	S.	12-15'	yel th diffuse. bran.	br. w.	
25031	Clusia	T	15-25'			
25032	Weinmannia	T	20-30'	pet. p.		
25033	?	T	12-18'			
25034	Acanth ? Pust?	T	15-20'	slender.		
25035	Rondala	S	12-15'	all fl. parts bright y.	thickets	
25036	Gudinia	S.	5-7'	slender pet. w. ; sty. grad. w.		
25037	Eupatorium	H				
25038	Orchid	H	2-2.5' woody below	cor. tube grad, lobes bl.		
25039	Oncidium	H	ter. t. 3'	5 per. seg pale violet		columns same.
25040	? sap.	H	ter. t. 3'	lip pale holet, nearly		w. prox., marked with y. at base & center in.
25041	? euph.	I	15-18'	5 per. seg. grad. y.; col.		& lip y. — lip marked with deep r. prox.
25042	sapot.	S.	10-15'		woods	
25043	Barnardesia	T	25-35'	cor. grad. w.		
25044	Cyclopeltis	S.	6-10'	cor. tube & lobes p.	thickets	
25045	Canna	H				
25046	Epidendron	H	2-3'	br. br. r. ; per. seg. o., fil. & sty. pale y.;		tipped out with deep g.
25047	Polypodium	F		5 per. seg. faint p.;	column g. ; lip w.	woods
25048	Siphocampylus	H	ter.			
25049	?	H		cor. o. r. prox. y. dist.		
25050	? Clematis	T	12-18'	pet. & fil. w.		
25051	? crumed.	W. U.		pod. & sta. cream w.	thickets	
25052	?	H. H.	br. prox, clavg. to 6'	sep. & tips pod pale bl.	with pur. dust out. out & rich bl. in. ; out. rich bl.	
25053	Peperomia	T	12-20'		woods	
25054	Inga	H	ter.			
		I.	10-15'	cor (?) grad. w; fil. w.	thicket	

25055	Piper	S 8-12'	June 15 thickets	Colonia Perene	
25056	Hyptis	S. slender, lvs. pale pur.			
25057	? mint.	T. 10-15'			
25058	?	T 20-30' per. cream w.			
25059	orchid	T 12-15' br. o. to br.			
25060	cucurb.	E H 5 sep. grnish w.; col. lip w., fringed; marked with br. w.	trop. dem. dist.;		
25061	~~Loganc.~~	H U slender			
25062	Commelina	I. 18-25' H per. bl.			
25063	Serjania	W U slender,	pet. & sta. w.		
25064	Wallenia	S. 3-4'	pet. w., y. at center.		
25065	Exobolus	H U	cor. cream w.		
25066	Solanum	S. with interrupted bran.;	cor. w; anth y.		
25067	Mentzelia	S. much-bran. much. bran, bran.			
25068	Clibadium	S elong. to 3'			
25069	malpighi	S 6-8'	flowers w.; aut. deep pur.		
25070	Miconia	S. with elong. S. bran. to 10';	fr. p.		
25071	Strattanthus	S +3', erect	pet. w.		
25072	fungus	S. parasitic on 25073			
25073	? Cocculus?	on leaves of 25071			
25074	bamel.	I 12-15'	fls. greenish w.		
25075	Erythrina	H fl. stem to 5' br. to q. H ter.	all pet. o. r.; br.	dense forest	
25076	Phyllanthus	U. U.	+ sty. yish w.; aut. br.		
25077	Adiantum	H lax bran. to 5'			
25078	Epidendrum	H			
25079	Bambusa	H just base of trees	5 sep. grass g.; lip w, pale y. + dotted with pur. at center. col. w.		
25080	Acalypha	H erect, to 12',			
25081	Pitcairnea	S slender. S. 6-8'			
25082	Xanthura	H ter	fl. stem. ± 3'		
25083	Peperomia	S. 2-3'	cr. r.		
25084	Palicourea	E H			
25085	Carex	S. 2-3'	fr. o. r.		
25086	Polypodium	H			
25087	Asplenium serratum	H frequent on trees & rocks in clumps			
25088	Epidendrum	H on trees			
25089	Polypodium	E H plant to 5'	5 sep. light g.; lip w. g. trig. dent col. w.		
		E H			

25090	Liabeea	H.U.	buds g.	June 16 dense forest	Colonia Perene	
25091	palm.	H. caudex 4'	± 3'; ~~stipe 3';~~			
25092	orchid	H. fr.	fr. light g.			
25093	moss	E H.				
25094	orchid	on tree trunks	fr. g.			
25095	Piper	E H.				
25096	orchid	S. 5-7'				
25097	Casearia Sapot?	E H.	~~buds~~ sm. gr. lt. lt. gr. in flower 2/3, sep. g.	y-g. upper, pi-striped center, col. wh.		
25098	~~Cordia~~ dillen.	S. 7-10'		woods	valley of Rio Perene, near "Hac. no 3"; Colonia Perene	
25099	camp.	~~S. deposit black~~	W.U. rays o; cor. tube y, lobes o.			
? 25100	Psychotria	S. 6-8'				
25101	? martiana ?	S. slender.	br. becoming decpr.			
25102	Ruellia	S. 7-9'				
25103	palm.	T. 30-40'; fr. along				
25104	Sellaginella	T. larger	brau. cr. pale violet			
25105	Hodnia	H. caudex 2-3'; fr. below a				
25106	fungus	H. crown of lvs. - lf. (mid. st.)		5-7'		
25107	Polystachya	I. 12-15'				
25108	Piper	on decayed log	br. above; w. beneath			
25109	Serjania	E H.	fr. g.			
25110	camp.	S. 5-8'				
25111	Miconia	W.U. 6-8'	pet. w. rays y.; bl. g reds. y			
25112	Eupatorium	S. 8-10'	cor. gnats. w.			
25113	Piper	S. 6-9'	sep. w.			
25114	Rondala	S. 6-12'				
25115	Eupatorium	S. slender	pet. cream. w			
25116	Strutthanthus	S. 5-7'				
25117	myst	H. 4-5'	cor. tube gnats; lobes			
25118	Anacardium occidentale	S. parasitic	pists. w.			
25119	Weinmannia	S. 10-15' on 25117				
25120	Curatella	S.				
25121	Psidium	T. 12-25'	pet. w. ~~clear~~ cleaning			
25122	Miconia	S. 6-10' (juvenile?)	lvs. applied to cure insect + snake bites	woods	valley of Rio Perene, 5-10 k. below "Hac. no. 3". C.P.	
25123	Acalypha	T. 15-20'	br. deep g.			
25124	Piper	S.		woods along rivers		
		S. 5-10'				
		S. 7-12'				
		S. 6-8'	stg. deep r.			
		S. 10-14'				

25125	~~Euph.~~ ?	T 15-20'		June 17 woods along r.	valley of R. Perene,	
25126	Epidendrum	E H	3 sep. grass g.; column g. lip. cream w.	phox, cream. w. dust.	5-10 M. below "Hac. no. 3."	
25127	Inga	T spreading 18-30'	fol. w.		Rio Perene.	
25128	~~Anacard.~~	T 10-15'	sep. g.; fr. w.			
25129	malpigh	S 8-10'				
25130	Eupatorium	H 2-3'	Br. gr., brown-tinged tube		clearing	
25131	Bletia	H ped. ± 3'	Gr. gr.-w, lobes o sty pi. Sheath, each pi.; lip deeper-striped in throat	center, y at center.		
25132	Dioclea	S 6-10'	Pet. purplish-bl.,	paler phox.		
25133	Leg.	S 8-10'	Buds gr.			
25134	Cacca toxicaria "barbasco"	S 6-12'	Fr. only		cult. clearing	Pa S - 14-12 Pa K - B-51
25135	Periaboma	W V	Gr. pi, wh. at base		clearing	
25136	Dioclea	S 8-10'	Fr. gr.			
25137	Bauhinia	S along def. branches			thickets	
25138	Serjania	W. V.	Pet. wh.			
25139	? mb.	T 15-20'	Fr. gr.		dense forest	
25140	Acanth.	H to 10' ± woody bel.	Gr gr. wh., pi-dotted	in at center		
25141	Palm	T ± 1' long.; fruit borne ± 6' above gr.; infl.	round 20-40; ± 4' w.			
25142	Barnadesia	S 8-12'	Rays incl. pi; pl. gr.; styles w.			
25143	Rub.	S calender 6-8'	tube Gr. g, lobes gr.			
25144	Acanth.	H	Gr. tube w, lobes dep	pi.		
25145	Clusia	S 10-15'	Pet. pi.			
25146	Rub	W V	Fr. w			
25147	Cuphea	H ± woody	Pet. light pi		Rocky stream bed	
25148	~~Scapha~~acanth	N	Cor. pi.; calyx purp.	near base		
25149	Orchid	E H	Sepals, purpl. with 5 reg. bands, purple-striped lip pi., purple-pi.	blotched near base, wh. at base	dense forest	
25150	Psychotria	S slender 6-9'	Fr. g			
25151	wrt.	S. slender 2-3'	Fr. g, seeds g.			
25152	Solanum	S 7-8'				
25153	?	S 10-15' with slender erect stem	Cyx. + pilli, near yw			
25154	?	S 9-11'	fr. dep g. (Bangled)			
25155	Lejoptera	H				
25156	Heliconia	H 3-5'	Per. w. pros. g. dist. + sty. w.; ant. + stig. g.			
25157	Begonia	H				
25158	Elyna	H				
25159	Carex	H 2-4'	bracts per. red g. tipped with dep g. ant dist			

25160	Piper	T 10-15'		June 17	dense forest	valley of L R Rimu
25161	Peperomia	E.H.				5-10 H. blow "Hac.
25162	Tradescantia	H vel	prostrate white			no three", C.P.
25163	Selaginella	T 2-4'	membranous gr.			
25164	Solanum	S. 8-10'	cor. W. anth. y.			
25165	Bauhinia	T 20-30'				
25166	Ficus	T 40-50'				
25167	Peperomia	E H				"Hac. no 3." C.P.
25168	Boehmeria	S. 4-ten ft.				
25169	Polypodium	E H				
25170	Lasciasp	E H	V. subcan.			
25171	vigiel	E H	ag. y. f. spot. ax bas			
25172	Croton	T 10-15'	petiole			
25173	Epidendron	E H	5 per. ag. elip w.			
25174	Nep. 0025167	H	W. algæ m.			
25175	?	W H				
25176	comp	S 8-9'	Fr. rayless. fl. y			
25177	Orchid-	E	Pyplytrch.			
25178	Urticaceæ		2-20 pet pet. w			
25179			sep. w.			
25180			star: cream w.,			
25181	Passiflora	H.				
25182	Epiphyllum	E H			18 dense forest	Hac. no. 3
25183	Anthurium	E H				
25184	Polybotrya	H V climbing				
25185	Nicotia	S slender 4-5'	Fr. gr.			
25186	?	T 12-15'	Pet. cream-wh			
25187	Comp.	H 2-3'	Infl. wh.			
25188	Dicksonia	H				
25189	Acalypha	S slender 8-12'	Bracts gr.; styles r.			
25190	Salzmannia	H 1-3'	Cor. bright r or ant, y in, deep r-spotted			
25191	Eupatorium	H	cor. tube pink w lobes white w			
25192	Clidemia	H ± 2' ± woody	Pet. & stam. w			
25193	Piper	S 8-10'	Spikes w			
25194	Anemia	H				

25195	Dryopteris "panamensis"	H		June 18 dense forest Rio Perenu Valley, near Hac. 5
25196	Cyperus	H		
25197	Monochaetum	H 2-4'	Pet. wh; stam. y	
25198	Comp	H 2-3'	Cor tubes grish w lobes grish y	
25199	Gesner.	H	Cor. r. out, paler in & not spotted in	
25200	? Oxalis?	S 2-4'	Cor. y	
25201	Leg.	V ± woody	~~Fls~~ y	
25202	Rondeletia	HV	Cor. r	
25203	Solanum	S 7-10'	Cor. w, anth. y	
25204	Paullinia	WV	Pet. w	
25205	Paullinia	WV	Fls. r	
25206	Gesner.	H	Cor tube pale y out, shades faintly deeper r., y in & reaching lobes pale r out, r. in	
25207	Martynia	H	Cor. pinkish-fl. deep-purple base in	
25208	Adiantum	H		
25209	Polypodium	H on tree		
25210	Lichen	On tree		
25211	Acanth.	H ± 2' ± woody bel	Cor. cream-wh pi. shaded in	
25212	Brachistum	H 4-6'	Cor. gr.; anth. w & ~~striped~~ dark gr.	
25213	Rub.	HV	Cor tube r, paler in	
25214	Orchid	H ter	3 ang. gr. out; grish w in; 2 ang + lip + col w	
25215	Comp	H	Pap. pinkish-w	
25216	Acanth	H 9-12"	Tube pinkish w, lobes deep pi	
25217	Acalypha	T 12-20'	Infl. gr.	
25218	Solanum	~~round-branched~~ H to 4'	Cor. w, anth. y	fr. wine-color Thickets
25219	Solanum	H spreading 2-3'	Cor. w. anth. y	
25220	Paspalum	H 4-6'		
25221	Miconia	S	Pet. grish w Fr. light r	
25222	Epidendrum	H ter ± 4' high	Sep & bracts col. yor r	
25223	Cyclanthera	HV	Cor. grish w	
25224	Gesnerus	HV	Cor. wh.	
25225	Tibouchina	H 2-3' clay	Pet rich pi;	
25226	Phaseolus	HV	Pet. pinkish-w	
25227	Guanoclit	HV	Cor. scarlet	
25228	Acanth.	S ± 3' infra-ax at top	Cor. scarlet; anth. y	
25229	Croton	T 15-20'	Sep gr., stam. w	

25230	Dioclea	WV	Pet. blue, paler out o at base	June 18	thickets	Rio Perene Valley, near Hac. 3		
25231	Ipomoea	HV	Cor. w					
25232	Baccharis	S 8-10'	Impl. grish-w.					
25233	Dryopteris	H						
25234	Dichromia	H fr. 3-4'			dense forest			
25235	Coffaea	S 6-10'	cor. w.					
25236	Teramnus	HV	fr. deep r		Cultivated			
25237	Ficus	T 15-20'	fr. only		thickets			
25238	Artocarpus	fruits deposit T. 40-60'	fr. gr.	19	cultivated	Colonia Perene	Ru KB43	
25239	Mikania	HV	Impl. all grish w		thickets			
25240	Acanth.	H 2-4'	Cor. cream w, brown lip purp.-striped in					
25241	?	S or T, herbaceous dependent on stuff	Bracts bright gr		woods			
25242	Piper	T 12-15'						
25243	Tetrapleura	T. 15-20'	fr. light g.					
25244	Triplaris	T. 25-30'	per. g.; fil. w.; ant. g.		dense forest	valley of Rio Pumcartambo near Perene Lodge		
25245	Anthurium	H ter.						
25246	Tectaria	H ter.						
25247	Miconia	S 8-10'	fr. deep umie-colored.					
25248	Peperomia	H on tree trunks						
25249	Isochilus	H flattened on tree trunks	against fr. light g.					
25250	Rhododendron	E. H.						
25251	orchid	E. H.	buds grish w.					
25252	Ficus	T 20-30'						
25253	orchid	E. H.	sep. & col. grass g.					
25254	~~rubs~~ ?	S slender 5-7 subscan.	cor. light p. to w.					
25255	Lasiacis	H						
25256	Anthurium	E. H.	spathe light g.; spadix deep g.					
25257	hepatic	on bus. of 25256						
25258	orchid	H ter. on trees	sep. w.; col. w, v. at apex					
25259	~~scrub~~ acanth	H	cor. pale pur. prox. deep pur dist lips pale inthin prox with deeper spots					
25260	Pryopteris angustifolia	H						
25261	hep.	on tree						
25262	Psychotria	S. 8-10'	fr. r.					
25263	acanth	H	cor. w.; upper lip grish; lower lip marked with pur. in prox.; fil. grish w.; ant. pur.					
25264	Pryopteris	H fr. 3; st. 1.5						

25265	Gonioph lebrina	H ep.		June 19	dense forest	valley of Rio Paucartambo, near Pirene bridge
25266	grads.	H				
25267	Sellaginella	H				
25268	Campylonemon	H on moist rocks				
25269	Peperomia	H	"			
25270	Solanum	S	6-10'	cr. light p.; paler out.		
25271	acanth	S.	8-14'	cr. nich p. pur. dist, ctg. lf sta. cream. v.	cr. nich p., w. at base	thickets dense forest
25272	fal.	S. (?) bran. dependent				
25273	Piper	S. over cliff	10-12'	spikes w.		
25274	Oxalis	T	slender 5-6';	pet. y.		
25275	Lasiocarea	S. bran. elong.				
25276	Hirtella	H. U. S. or small T.	10-15'	pet. cream w.; fil. cream w. prox, nich p	lint	
25277	Pteris	H				
25278	Tibouchina	S	slender 2-4'	Petofil. v; auth. y		20
25279	Dianthera "nigropilo"	H		Cor. w, tube purple at base out; anth. gr.		
25280	Dieffenbachia	E H		Spathe gr.		
25281	Peperomia "retusa"	E H				
25282	Peperomia	H	repent on trees			
25283	Stenochlaena	H				
25284	Piper	S	8-12'			
25285	Centropogon	H	2-3'	Cor. bright r		
25286	Palicourea	S	5-7'; bas. midnerve w	Branches buff. pubesh r.; ax tube or-y, lobes r.		
25287	Sanchezia	S	2-4'	Brack bright r, Cor. o stam. bright y		
25288	Acanth.	H		Cor. pink w, lower lip pi. striped cr		
25289	Dryopteris	H	Fr (nich. stipe)	4-6'		
25290	Campylonemon	E H				
25291	Pteris	H	Fr. (nich. stipe)	4-5'		
25292	Selaginella	H				
25293	Besleria	H/S	+ woody 2-3'	Cor. pink-wh.		
25294	Piper	T	12-15'			
25295	Palicourea	S	3-5'	Fr. black-pi.		
25296	Crotalaria	S	2-3'	Pet. y, st. striped out		
25297	Miconia	T	slender 10-12'	Fr. or		
25298	Hyllnja	H				
25299	Piper	S	8-10'			

25300	Anon. ~~apoc.~~	T 15-20'	Yr. or.-gr.	June 20 dense forest	Valley of Rio Paucartambo near Perene bridge
25301	Miconia	S 3-4'	Yr. purplish r.		
25302	Anthurium	H ter	Spathe gr., purplish ms	Spadix rich purpl.	
25303	Psychotria	S 2-3'	Yr. light bl.		
25304	Piper	S 8-10'	Spikes yellowish-w		
25305	Gesneriad. ?	H rep. on tree branches	Yr. grish w		
25306	Rub.	T 12-15'	Bud. gr., deep gr. dist.		
25307	Peperomia "platystachya"	H one. rep. on bamboo	lvs variey deep gr. & w		
25308	Dryopteris	H			
25309	Trichomanes	On tree trunk			
25310	Exolobus	H V	Cor. grish-y		
25311	Salvia	H ± woody 1-2.5' at base	cor. lr. gr. paler at base		
25312	~~Costus~~ Calathea	H to 6'	Bracts deep gr.		
25313	Mikania	H V ± woody	Cor + styles grish w		
25314	Brachistus	H ± woody 1-2'	pappus w Fls. veins purpl-brownish		
25315	Waltheria	S 4-9'	Pet. y	Cor. grish w., anth. grish y	Thickets
25316	Melast.	S 1-3'	Pet. pi; anth. grish-pi fr. deep purp. to black		dense forest
25317	Costus	H 1-2'; stems turns orchid lvs. second	Bracts w prox, red dist	per. pale y	
25318	Psychotria	S 8-10'	Cor. w., gr-tinged prox		
25319	Polygala	H woody at bot, to 3'	Pet. grish-w, pi-ting dist.		
25320	Orchid	E H	Per. light grish-y		
25321	Orchid	E H	sep. pinkish w lip pi; col. y-o		
25322	orchid	E H	5 seg. fleshy bl, paler prox; col. cream w.		
25323	cany.	H 2-3'	cor. tube grish w., lobes y.		
25324	Eupatorium	H 2-3'	cor. tube g.; lobes + sty. w. to pale bl.		
25325	Nephrolepis	E H			
25326	Pitcairnia	H ter.	3 outer seg. g. 3 inner sg. w.; fil. w.; anth. y.		
25327	Polypodium lycopodioides	E H			
25328	Elytraria	H 3-4' clong.	bract.		
25329	Pilea microphylla	H 3-5'			
25330	grass	H			
25331	Solanum	S 4-7'	lvs + pet. creque w.; anth y.		
25332	Dryopteris	H			
25333	?	T 10-12'	ripe fr. dep pur.		
25334	Dryopteris	H			

25335	Marchantia	on wet bank		June 20 dense forest	valley of Rio Paucartambo,
25336	Phenax	S. 4-6'	mfl. rich brown		below Perene Lodge.
25337	Meibomia	H. 3-4'	all pet. & fil. cream w.		
25338	orchid	E H.	br. g.		
25339	Psychotria	S. 3-4'	br. deep mine-col.		
25340	Autleuxinum	E H.			
25341	aral.	T. ~~20-35'~~ 30-40'.	buds yish. g.		
25342	acanth	H.	cor. tube w., lobes		
25343	stercul?	S. slender, 8-10'.	nch p. pet y.		
25344	Piper	S. 8-10'.			
25345	Neurogramme	H.			
25346	mass	on stone			
25347	? ~~Ficus~~	T. slender trunk, 15-20'.			
25348	Bidens	S. much-bran. 6-10'.	~~cor~~ rasp br. y.; cor tube dull y, lobes br yl; cor. w. fil pale violet; aut. w.		later
25349	acanth	H.			
25350	Stenochlaena	H.			
25351	Asplenium	H.			
25352	Piper	~~S. 20'~~ T. 12-15'.	cor. nch p.		
25353	Salvia	H.			
25354	mass	on decayed log			
25355	mass	" "	"		
25356	Oxalis	H. in humus	pet. br. y. – lvs. nch p. hirsute		
25357	orchid	E H.	per. sq. y.		
25358	leg.	among roots of orchid			
25359	Cordia	T. slender, 15-25' with long			
25360	Peperomia	E H. depend. bran.			
25361	Polystachya	E H.			
25362	orchid	E H.			
25363	Buxbaumia	on sandy bank			
25364	Vernonia	S. bran. to 8'. with elong.	cor. tube w. lobes deep bl.		
25365	Tillandsia	H. 2-3'			
25366	Peperomia	H. subrepent forming masses on banks	lvs gr + purple variegated		
25367	leg.	S. slender 3-~~8~~ 5'	Pets r		
25368	Alga	~~Floating~~ In stream			
25369	Sarcea	T. 25-30'			

25370	Begonia	H	on moist bank	Pet. w, anth. y to pink	June 20 dense forest Valley of Rio Paucartambo near Perene Bridge
25371	Passiflora rubra	HV		Stem	
25372	Miconia	S 1.5-2'		Fr. ☆. purple	
25373	Miconia	T 30-40'		Fr. dark green (not ripe)	
25374	Fungus	On tree trunk		Plant wh.	
25375	Odontosia	HV		Cor. wh.	
25376	Serjania "verap"	HV			stems mashed + thrown in water to stupify fish
25377	Epiphyllum	EH		Wh fl.	
25378	Commelinacea	H 1-2.5'			lvs used for dysentery
25379	Acanth.	H		Bracts lightgr. Cor. pinkish-y	
25380	Acanth.	H 2-3'		Bracts dark gr. Cor. bright r., stam. y	
25381	Acanth.	H 1-2'		Cor. rich pk, paler	
25382	Polypodium pumila	H			
25383	Nephrolepis biserrata	H deep over bank			
25384	Hedyotis	H on moist bank		Cor. pinkish w	
25385	Melast.	H		Pet. wh.	
25386	Myriocarpa	T 25-35'		Infl. pink	
25387	Paspalum	H			
25388	Piper	S 3-4'		spreading branches	
25389	Asplenium	EH			
25390	Habenaria	H ter		Seg. w.; col fringed w	
25391	Orchid	EH		Seg. gr. w., lip fringed pink	
25392	?	T 15-20'		Fr. gr.	
25393	Moss	On bank			
25394	Moss	On bank			
25395	Philodendron	H ter		Lvs. variegated gr. & w	
25396	Marchantia	On bank			
25397	? Hura	T or S	sterile	obscure 3-4'	Juice in petioles + stem ~~Lvs~~. used to cure syphilis
25398	Acalypha	S or small T		10-20' Infl. pink-wh	
25399	Piper	T or S		Lvs boiled for a tea	
25400	Wercmannia	T 15-20'		much used by Chunchos as remedy	for snake bites or cuts
25401	Serjania "verap"	HV		Pet. pink w.	stems mashed + thrown in water to stupify fish
25402	Chelonanthus	H 4-6'		Cor. gr-w	Chuncho "pichispan"; Spanish "oja manga"; used for cuts
25403	Philodendron	HV		Sterile	Narcotic, used to produce sleep
25404	Peperomia	H ter		Fr. deep gr. above purplish beneath.	

22 thickets

C.P.

25405	Acacia	T with spreading, flat-topped crown 10-12'	stam. y	June 22	thickets	Colonia Perene	650 m.
25406	Euph. ? candelabra	T 40-60'	Lvs only		introduced		Ph. K, B-55
25407	Stemmadenia	NV	Cor. y		thickets		
25408	Serjania	HV	Pet. slight gr.	24	dense forest	Pumiri Bridge La Merced	± 1000 m.
25409	Epidendrum	EH	Sep. brown lip pink-tinged y, col w				
25410	Peperomia	Repent on tree trunks					
25411	Melast.	S slender 4-6'	Pet. stam. w				
25412	Isochilus	EH	outer sep. gr.				
25413	Peperomia	H. ter.					
25414	Lasiacis	V. I woody panicle to 3' l.	per. sep. y., pale at marg.	25	thickets	Colonia Perene	
25415	Pithecoctenium	V.V.					
25416	Cardiospermum	H. V.	cor. p.				
25417	Polygala	S. 2-3'	pet. pale p.				
25418	Oxalis	S. slender. 2-3'	pet y., striped with dull r. in. prox.				
25419	Manioca	H. V.	cor. w. out. r. in. dist. sta. & sty. w, with o.		y. at center, dep q. at base.; powder(?) at base.		
25420	Lestrum	S. slender. 7-9'	cor. greenish y.				
25421	Pityrogramma	H					
25422	Passiflora serratodigitata	V & woody		28	dense forest Valley of Rio Paucartambo near Perene bridge		
25423	Passiflora	HV	fl. w. etc. pet. fi-tri-pinnatisect or pin.		light gr, terete		
25424	Serjania	HV	Fr. gr.		Pichis Trail, Km. 3-10.	700-900 m.	
25425	Hyptis	S along br. 4-6'	Cor. pubesh w.				
25426	Scroph. ? yellow	H 2-2.5	Cor. wh.				
25427	Mourera	S 4-6'	Pet. deep bl.				
25428	Chlorophora	T 12-15'	Fil. pi., fr. gr.				
25429	Erajoa	HV	Fr. gr.				
25430	?	T 15-25'	Buds y g				
25431	Weinmannia	T 15-20'	Fil. col.		K 15-~~30~~ 25'	1100 ~~900~~ - 1600 m.	
25432	Hedyosmum	T 12-15'	Fr. gr.				
25433	Chelonanthus	H 6-8'	Fr. bright gr.				
25434	Cinchona	T 30-40'					
25435	Lomaria	H ter.					
25436	Fuchsia	S 3-7'	~~Pet~~ Fls. red				
25437	Orchid	EH	3 out. seg. dep red, 2 inn w. red stripe, lip y		col. W		
25438	Pteris "brevipinnata"	H	Fr. to 5 ft. long ± 2' wide, light tube grnish w., lower pin. deeper w.		Yapas	1350-1600 m.	
25439	Mikania	WV					

25440	Gesner.?	S 12-15'	Cor. r-or.-r.	June 28 dense forest - Picture Trail Yapas 1350-1600 m.
25441	Passiflora	HV	Stamks	
25442	Begonia	S 10-12' elong. br.	Pet. w	
25443	Ca	H	Per. w	
25444	Siparuna	T 20-30'	Calyx gr. y	
25445	Gesner.	H	Cor tube gr. 2 lobs pubesc blue,	3 lobs wh.
25446	Solanac.	H 2-3'	Cor tube Cor. w, anthy	
25447	Passiflora	HV	Bud gr.	
25448	Proëlea ?	WV		
25449	Rubus	Sarmentose.	Pet. wh.	
25450	Piper	T 10-12'		
25451	Miconia	S 12-15'		
25452	Polybotrya	Climbing up the trunk		
25453	Trichomanes	On the trunk		
25454	Hep	On leaf		
25455	? Mendoncia	TWV	Fr. gr.	
25456	Alsophila	TF Caud. 1-3' semiscandent Stipe 6-8', fr. 7-10'		
25457	Diplazium			
25458	Rub.	H	Fr. bright r.	
25459	?	T scandent 10-12'	Buds	
25460	Mendoncia	HV	Cor. y-g pubesc., pubesc r. dist.	
25461	Psychotria	T 15-20'	Cor. y	
25462	Peperomia	EH		
25463	Hep.	EH		
25464	Lichen	EH		
25465	Orchid	EH	Per. brownish (withered)	
25466	Orchid	EH	3 seg. gr.	
25467	?	T. 20-30'	br. g.	
25468	Paspalum	H		
25469	Cajophora	H pet. ± scales; aut. deep g.		
25470	Commelina	H 2-3'	fr. deep p.	29
25471	Diplazium	H		
25472	Sanchezia	S 3-4'	br. deep r. cor. br. y.;	
25473	Lichenoa	H st 3-4' fr. 3-4'	fil. + sty. y.	
25474	Siphocampylus	W.V.	cor. o.r. br. y. dust. fil tube pale y.	

25475	acauth.	H	2.5-4'	cor. w.	June 29 dense forest Pichis Trail, Yapas 1350-1600 m.
25476	acauth	~~H~~	~~2'~~	~~cor. w.~~	
25477	Phytolacca	H	1-2½'	lvs. ashy g. above; cor. w. tng. with bl.	
25478	Peperomia	S. elong.	3-5'	bran. pet. pale g.; ant. w.	
25479	~~Pepperomia~~ Peperomia	E H		~~cor. becoming pur.~~ ~~tube r. beneath~~	repent on tree trunks +3 pt.; spikes deep pink
25480	Alstonia	~~E H~~		~~repent on tree. trunks~~	
25481	Begonia	E H	~~1 3', spikes drop.~~		E H lvs. r. beh.
25482	Mikania	T	10-12'	pet. w.; ant y.	
25483	Castnia	M. U.		ends y.g.	
25484	Vernonia	S.	8-12'	cor. tube gnish, lobes y.g.	~~The~~ edge of " "
25485	Bacchanis (?)	H	6-8'	cor. tube pale per. at t. ae; deeper dist. & sty.	
25486	Solanum	S	10-12'		
25487	Buddleia	S.	10-12'	pet. pale bl. to w.; ant y.	
25488	Fungus	on decayed stump			
25489	Gracca toxicaria "barbasco"	S.	3-5'	all pet. y. tube g. pale per. throat yi.; bl. tube pale old per. gnish.	y. cleaning, cultivated or escape into thicket
25490	Isocliius	E H		much. bran. cor. per. (?) y.	dense forest
25491	Podocarpus?	S.	5-12'	fr. r.	
25492	Laudenbergia	T.	12-20'	cor. ~~gnish~~ w., lobes dk per y.	fr. ~~black~~ pur.
25493	Mikania	W. V			thickets
25494	Clibadium	S.	8-10'		
25495	Asplenium	H			dense forest
25496	mas	on trees			
25497	Lygoplens	H		slender, pet. light g.	Thelypteris leprieurii (Hook.) Tryon det A.R. Smith 1984
25498		T.	15-20'		
25499	Trichomanes	E H		spreading, fr. bl.	
25500	~~Adiac~~ melast.	T.	10-15'		
25501	Psychotria	S	10-12'	Branches infl. upright purpl. fr. purple-	black
25502	Lacistema	spreading T or.;	10-15'	spikes wh.; fr.	dark r.
25503	~~Pub. ?~~ Oleiphila	WV		Nr. r.	
25504	Asplenium	H			
25505	Asplenium	H			
25506	Nephrolepis	H			
25507	Danaea	H			
25508	Diplazium	H			
25509	Peperomia "acuta"	E H			

25510	Peperomia quadrifolia	EH		June 29 Montane forest Pichis Trail, Yapas 1350-1600 m.	01625
25511	Polypodium	On tree			11625
25512	Aristolochia	HV	Sterile		21625
25513	Peperomia	EH			31625
25514	Orchid	EH	Fr. only		41625
25515	Hep.	On tree			51625
25516	Anthurium	EH	Sparth. Sped. gr.		61625
25517	Peperomia	EH			71625
25518	Polypodium	EH			81625
25519	Palm	T ± 25', 3" diam. Trunk	infl. borne ± 2/3 the way up		91625
25520	Asplenium	H			02625
25521	Polypodium	Rep. on tr.			12625
25522	Lindsaya	H.			22625
25523	Orchid	EH			32625
25524	Orchid	EH			42625
25525	Cyclanthera	stalk 0.1'	Fr., sec. purple.		52625
25526	Fungus	Pl. salmon purplish	Spores mean cavity		62625
25527	Habenaria	H 3.5'	Per. sag. gr. col. certain w		72625
25528	Anthurium	EH			82625
25529	Gesner. ?	H	Fr. or.		92625
25530	~~Hep.~~ Lichen	On tree			03625
25531	Solanum	S 6-10'	Cor. pink, anth. w	fl. bright or	13625
25532	Cyclanthera	~~E~~ stalk 1-3'	~~Fr. o~~		23625
25533	Dryopteris	H			33625
25534	Schizaeopteris	climbing up EH the trunk			43625
25535	Anthurium	EH	Sparth. gr., sped. leaf pi.		53625
25536	Heinsia	TF Caud. 2-3' Fr. (with stip) 4-5'			63625
25537	Dieffenbachia	EH			73625
25538	Orchid	EN	Fr. gr.		83625
25539	Orchid	EH	Fr. gr., red per. grisly		93625
25540	Orchid	EH	Buds pink pi		04625
25541	Polypodium	EH			14625
25542	Orchid	EH	Veg. reddish purp		24625
25543	Trichomanes	EH			34625
25544	?	H.V. appressed to tree trunks			44625

25545	Peperomia obovata	E H	lv. verts r. beneath	June 29	dense forest	Pichis Trail, Yaka 1350-1600 m.
25546	Peperomia pluradudroides	E H				
25547	Peperomia	E H				
25548	Microlepia	H				
25549	Trichomanes	E H				
25550	Licksonia	H	st. 3-4' fr. 5-6'			
25551	Trichomanes	E H				
25552	Vittaria	E H				
25553	Asplenium	E H				
25554	Hemitelia	T. F	caudex 2-8', slender, of ten twisting, fr. 3-4'			
25555	Trichomanes	E H				
25556	Evea	S. 6-10'	br. def r. car. tube yell w., lobes y.			
25557	Peperomia	E H				
25558	Microlepia ?	H				
25559	leaf.		on tree			
25560	Asplenium	E H	on fallen			
25561	trom.	H	lvg. br. def. r. y-stipes			
25562	Trichomanes	H	fl. stem I 3 l.			
25563	Lygopteris	E H				
25564	leaf.	H	stipes 1-2' fr. 4-6'			
25565	Salpichlaena volubilis	H	on moist bank			
25566	Selaria	H	up to 4'			
25567	Psychotria	S. 8-12'	car. gnels. y.			
25568	Weinmannia	T.	(juvenile) 8-10'			
25569	rub.	S.	2-3' fr. pale al.			
25570	Polypodium	H.	fr. 6-12'			
25571	acanth.	H	2-3' woody below.	car. cream w.		
25572	moss		on humus			
25573	Antrophyum	E H				
25574	orchid	E H		buds gnels. y.		
25575	Miconia	S. 8-12'				
25576	Centropogon	H	2-3' car. rdsh. bus + infl. at summit			
25577	Piper	S. 8-12'				
25578	~~Rob~~ Acanth	H 2-4'	Cor. pi			
25579	Begonia	H 2-4'	Pet. w			

25580	Pilea hyalina	H -5	Inflo. grish w	June 29 dense forest Pichis Trail - Yapas 1350-1600 m.
25581	Grass	H		
25582	Eriochlaena	H		
25583	Geum.	H	Cor. bright r.	
25584	Tectaria	H		
25585	Orchid	EH	Fr. dark gr.	
25586	Oxalis	H suc.	Lvs. pi. tan Pet. y	
25587	Dryopteris	H		
25588	Selaginella	H		
25589	Panicum	H 3-5'		
25590	Geum.	H suc. 2' Lvs. purplish tan.	Bracts gr. prox. r. dist	
25591	Peperomia	Rep. on tree		
25592	Bambos	T 12-15'	Sterile	
25593	Acanth.	H 6-10'	Cor. tube y. g. lobes bright r.	
25594	Palicourea	T 15-20'	Fr. wine-col.	
25595	Begonia	V ± woody	Pet w, anth. y	
25596	Borreria	H	Cor. w	
25597	Hymenophyllum	EH		
25598	? Rubi	S	Fr. dark bunch	
25599	?	T	Buds pink w	
25600	Peperomia	EH		
25601	Anthurium	EH		
25602	Psychotria	T 15-20'	Fr. dark bunch	
25603	Aroid	EH	S & S gr.	
25604	Anthurium	H ter		
25605	Psychotria	S 6-10'	Fr. dark bunch	
25606	Polypodium	H on ground		
25607	Orchid	EH	Per. (old) purplish	
25608	Polypodium	EH		
25609	Pilea mia	EH	Ker. white	
25610	Lichen	On twigs	Pl. y	
25611	Moss	On dec. log		
25612	Salvia	S 6-10'	Cor. scarlet w at base	30 Pichis Trail, bet. Yapas & Cuenca 1600-1800 m.
25613	Begonia	H ave ± 2'	Pet bright r., anth y	
25614	Viola	H	Pet yellow w, vio-	stipel lunate

only 1 cable

25615	Grass	HV	Br. black	June 30	dense forest	Pichis Trail Eñenas ± 1700 m.
25616	Solanum	S spreading 8-10'	Cor. pink-w, auth.			
25617	Croton	T 12-15'				Pichis Trail Bet. Yapas & Eñenas 1500 m.
25618	Solanum	S 10-12'	Cor. w.			
25619	Miconia	T 15-20'				
25620	Miconia	T 20-25'		F		Pichis Trail, Eñenas ± 1700 m.
25621	Struthanthus	S par on Citrus		July 1		
25622	Bamboo	HV				
25623	Peperomia	cH	Cor. deep pi. & Stalks " "			
25624	Musa	Cr dec. leg				
25625	Miconia "paniculata"	S 8-10'	Pet. light pi. Fil. w; auth light yg			
25626	Mikania	WV	Pap. w			
25627	Cyclanthera	Pl. ± 6'	Br. purpl. black			
25628	Miconia	S 8-12'	Pet. pink w, auth.	bright y; fr. blackish pi.		
25629	Begonia	HV on tree trunk	Buds gr.			
25630	Bromel.	H spreading	stem ± 3' Br. y-g, red-simple	Per. w.		
25631	Memania	T 10-12'	Pet. pi. pale pink,	auth. ~~g~~ w-g		
25632	Begonia	H subscand. 8-10'	Pet. W; auth. y			
25633	Psychotria	S spreading branch. 6-10'	Fr. light blue			
25634	Rhododendron	S par.				
25635	Clusia	T 15-20'	Buds pink			
25636	Gesner.	S much-branched ± 6 5-8'	Cor. r.			
25637	Liabeum	S subscc. 10'	Rays bright y florets pink-y; auth.	brown		
25638	Pilea	N				
25639	Anthurium	EH	Spathe gr. Spadix dark purple			
25640	Psychotria	spreading br. T or S 10-12'	Buds y-g			
25641	Hemitelia	TF Caud. 2-6'				
25642	Trichomanes	Rep. on tree trunk				
25643	? rub.	T 20-30'	Fr. brown-purple			
25644	?	T 15-25'	Fr. deep r.			
25645	Columnea	S slender, few-br. 5-7'				
25646	Piper	S slender 6-8'				
25647	Acanth	S 3-5'	Cor. light yg.			
25648	Melast.	S slender 6-8'	Buds y-g.			
25649	Asplenium serra	Ef				

25650	Gesner.	EH	Br. deep red, lustrous	July 1	dense forest	Pichis Trail, Bisanan ± 1700 m.
25651	Hymenophyllum	EH				
25652	Habenaria	H	Per. withered			
25653	Peperomia	EH				
25654	Peperomia "disstiflora"	EH def. brindles			"palm or bamboo" forest	
25655	Peperomia	EH				
25656	Pleurothallis	EH	~~alt~~ 5 acg. gr., 2 longer pales striped		; lip brownish	
25657	Carlodurica	~~Stalk~~ Petiole 3-5';	Infl. borne at base			
25658	Hep.	On twigs				
25659	Lichen	On tree				
25660	Lichen	" "				
25661	Hep	" "				
25662	Stilis	Base of tree	Per. acg. eight gr.			
25663	Orchid	EH	~~Br~~ " " pinkish gr			
25664	Orchid	EH	Br. gr.			
25665	Lichen	On twigs				
25666	?	T 12-20'	Br. gr.			
25667	Orchid	H ter 2-4'	Per. bright y		open sphagnum swamp	
25668	Elaphoglossum	H ter				
25669	Rhododendron	S par.				
25670	Trichomanes	H ter	common on floor & swamps			
25671	Merania	T 12-20'	Pet. & petiole rich pi.; fil. w.; anth y		edge of sphagnum swamp	
25672	Orchid	H ter 3-4'	Seg. royal purp. 3 outer	red-purp. out	/ open sphagnum swamp	
25673	Anthurium	H ter			edge of sphagnum swamp	
25674	Epidendrum	H ter 3-4'	Segs light r.) col. w at apex		open sphagnum swamp	
25675	Orchid	EH	Br. green			
25676	Eric.	S subsc. slender	Cor. pinkish w			
25677	Cavendishia	S 3-10'	Bracts rich pi Cor. pinkish w - purew			
25678	Liabum	S climbing sh.	Rays y.; florets y			
25679	Wernmannia	T 12-20' trunk ± 3" diam	Pet. w.			
25680	Miconia	S 3-4'	Pet. pi. characteristic			
25681	Clusia	T 10-15'	pet. pinkish. Part of this swamp			
25682	Aralia	T. 12-15',	crowns w. in bud & infl. at summit			
25683	lichen	on soil	- floor of this swamp			
25684	Befaria	S 3-10'	pet. pale pi. - fil. & sty. pinkish w.			

25685	?	S 8-10'	pet. w.	Aug 1 open sphagnum swamp, Pichis Trail, Ezenao ± 1700 m.
25686	Hibaudeá	S slender 6-8'	cor. dark li. purp. salmon li. dust.	
25687	Chelonanthus	S 4-6'	Pr. gr.	
25688	Lycopodium cernuum	H ± erect, rep to 3'		
25689	Sphagnum	clear forming bloom		
25690	Orchid	H ter	Saeg. gr., li.-dotting lip glistening w.	at base in
25691	Orchid	H ter	Per. gr. (withered)	
25692	Peperomia "albifolia"	H suc. rep. in sphagnum		
25693	Xyris	H	Per. y	
25694	Lichen	Pl. fine w.	a characteristic plant of swamp floor	
25695	Aralia	T 15-20'	Pr. w. inf. toward summit	
25696	Orchid	H ter	Saeg. gr.	
25697	Rub.	H	Pr. bright bl	
25698	Elaphroglossum	H ter		
25699	Lichen	On twigs		
25700	Trichomanes	H ter in sphagnum		
25701	Rapanea	T 12-20'	Pr. gr.	edge of swamp
25702	Weinmannia	T 10-12'	Pet. w. at. wh.	open sphagnum swamp
25703	Clusia	T 10-15'		
25704	Baccharis	S slender 4-6'	Pl. very pink w	
25705	orchid	F H	Pr. g.	
25706	sedge	H		
25707	grass	H		
25708	Osmunda cinnamomea	H		
25709	Pompteris	H		
25710	lichen	on soil		
25711	lichen	" "		
25712	Eupatorium	H 2-3'	cor. tube greyish w; lobes & sty. pale bl,	dense forest
25713	Trichomanes	F H		
25714	comp.	S slender 3-5'	~~leaf~~ grass w. heads	
25715	acanth.	H 3-4'	cor. br. r.	
25716	acanth	H	cor. tube w. tox. bl.	
25717	Vernonia	S 2-4'	cor. pale ~~pur~~ or. lobes & dust ~~purple~~	thickets
25718	?	S spreading, 5-7'	pet. cream w.	
25719	Tephrosia "barbasco"	S (young plants 2-4')		clearing, cult.

✓ 25720	Ipomoea	I ✓ V	Cor. tube pi limb rich purple	July 1	dense forest	Pichis Trail, Enenas ± 1700 m.
✓ 25721	Miconia	S 10-12'				
✓ 25722	Anthurium	E ✓				
✓ 25723	Orchid	E ✓				
✓ 25724	Orchid	E ✓				
✓ 25725	Gesner.?	S slender ± 7'	Br. r			
✓ 25726	Centropogon	H ± woody bel. ± 5'	Cor rich pi			
✓ 25727	Peperomia	H ref. on ditch				
25728	Asplenium	H				
✓ 25729	Palicourea	T 15-20'	Branches inp. red Cor. y, reddish br			
25730	Saleria	H 1-3'				
✓ 25731	Tephrosia barbacoa	S (young clonal plants)			clearing (cult.)	
25732	Asplenium	H			dense forest	
25733	Hymenophyllum	E ✓				
✓ 25734	Piper	T 20-25'	Mature shiny ± 1' l.			
25735	Arac.	H climbing ± t. t.			2	Pichis Trail, ~~bet~~ Enenas ~~Dando Hago~~ 1700-1900 m.
✓ 25736	Peperomia	H ter				
25737	Henriettea	H				
✓ 25738	Marattia	In. erect ± 4'; fr. 5-6' l.				
✓ 25739	Gesner.	H coarse ± 2'	Fr. pink to Bracts light gr.			
25740	Cestrum	T	Cor. green w			
25741	Alternanthera	H new-br. ± 4'	Inf w			
25742	Phyllanthus	H slender	Pet. w			
✓ 25743	Canna	H 4-5'	Per. or-y			
25744	Gesner.	H	Cor. tube dark pi; lobes pale pur. lobes dark		purple center, w. or pi. at marg.	
✓ 25745	Centropogon	H ± 2'	Cor. pi.			
25746	Podocarpus	T specimen seedling				
✓ 25747	~~Rub~~ ?	T 25-30'	Cor wh			
25748	Miconia	S 2-3'	Pet. green w, anth y			
✓ 25749	Hebeclinia	H ter	Seg. gr.			
25750	Palicourea	T 15-20'	Br. rich dark pi, Cor. r. or. r.		br. bracts	
25751	Gesner.	H 2-3'	Cor. or. r.; br. brown-purple.			
25752	Gesner	H	Cor. tube green w yellow lobes pi.			
25753	Phenax	H 2-3' ± woody	Infl. green			
25754	Chamaelia	S	Br. pi			

25755	Gesner.	H suc.	Bract r.	July 2 dense forest, Piedra Trail ~~to~~ Encinas 1700-1900 m. ~~Rancho Viejo~~
25756	Oleandra	Reb. on tree trunk	cr. light y	
25757	Solanum	S 5-6'	Cr. pink y, anth	purple
25758	Piper	T 8-10'		
25759	Gesner.	H 2-3'	Cor. pink w	
25760	Disbrowia	H Br. slender 10-25' l.; climbing over bank		
25761	Solanum	S sram. T, 10-15'	Cor. lobes w, gr. at ent anther.	pink y
25762	Acanth.	H 1-2.5' ± woody	Cor. light gr.	
25763	Ruellia	H 1-2' ± woody	Cor. tube pink w; lobes pink & l.	
25764	Peperomia apricei	H V	Br. light gr	
25765	Diplazium	H Br. ± 6' l.		
25766	Centropogon	S 4-5'	Cor. pi.	
25767	Siparuna	T along R.D	Br. r.	
25768	Calceolaria	H	Cor. light y	
25769	Marchantia	On bank		
25770	Peperomia	H Ter		
25771	Ruellia	H 1-2'	Cor tube w lobes light pi	
25772	Centropogon	H coarse ± 1.5'	Cor. light pi.	
25773	Thadiantus	H V	Cor. or.-r	
25774	Mikania ?	H V ± woody	Bud gr.	
25775	Pilea	H suc. red. Col.		
25776	~~Rub.~~ Hedyosmum	T 15-20'	Cor. cream w	
25777	Dicranopteris	H On bank		
25778	Mourera	S ± 6'	Pet. dark bl	
25779	Richardia	Scapdent stout	Cor w	
25780	Gesner.	H	Br. gr., red col margin, cor. y	
25781	Miconia	T 15-20'	Pet. star. w	
25782	Vernonia	H ± woody 4-6'	Tube w lobes & style dark pi	
25783	gesner.	H up to 3'	br. g.	
25784	Fuchsia	S 4-8'	Cor. br. r.	
25785	gesner.	H ± 3'	calyx. br. o.	
25786	Asplenia	H U.	cor. w.	
25787	Acalypha	S. 5-7'		
25788	Hemitelia	H caudex to 1'		
25789	Pilea	H 2-3'		

Do de Mayo

25790	Palicourea	T 20-25'	Cor. bright bl	July 2	dense forest, Pichis Trail, ~~bet. Cuenas~~ & Dos de Mayo	1700-1900 m.
25791	Baccharis	S. 4-6' diam. elong.	Bract w.			
25792	Passiflora	H U.				
25793	comp.	H coarse ±4'	infl. w.			
25794	Cleome	H ±2'	calyx & pet. o.r., fil. & sty. pale p.; fr. y.			
25795	Pilea	H on bank.				
25796	Vernonia	S slender, 3-5'	cor. tube pale bl; lobes & sty. bl.			
25797	Mikania	V ± woody	Cor. tube o. pink grish - wh.		thickets	Pichis Trail Dos de Mayo 1800-1900 m.
25798	Clidemia	S 6-10'	Pet. light pi. fr. purple bl.			
25799	Centropogon	HV -	cor. tube red lobes ex.		dense forest	
25800	Mikania	WV	Cor. grish w Pap. wh.			
25801	Pilea	H zero to 2'	Infl. grish - w			
25802	Begonia	HV	Pet. cream - wh.			
25803	Polypodium	EH				
25804	Alsophila	TF Caud. 1-2' Stipe 2-3'	Fr. 4-5'			
25805	Anthurium	EH	Spathe ospad. gr.			
25806	Orchid	EH	Fr. gr.			
25807	Grass	H				
25808	~~Rub.~~	S 3-4'	Calyx bl. fruit, gr. dist.; buds bl.			
25809	Polypodium	EH				
25810	Habenaria	H ter 3-4'				
25811	Weinmannia	T 10-15'	Specimen juvenile			
25812	Pteris	H				
25813	Asplenium	H				
25814	Pithecodobium	T 20-40' infl. direct	Pet. & fils. deep pi. from trunk & branches			
25815	Bromelia	H ter	Calyx r.; pet. w ~~dust~~ purp; fruit rich		bl. fruit.	
25816	?	S 6-8'	Cor. light y, lobes w			
25817	Gesner.	H 2-3'	Fr. or.-r.			
25818	Hep.	On twigs				
25819	Gesner.	H coarse 2-3'	Bracts gr			
25820	Palm	Stem slender erect 6-10'	stipe 1-2', br. 3-5'; fruit dark gr.		infl. borne just below bvs.	
25821	Palm	Stem slender erect 6-8'	fruit black		" " — — —	
25822	Gesner.	H 2-3'	Cor. or.-r.			
25823	Gesner.	H 2-4'	Fr. deep r			
25824	Mikania	WV	Cor. tube o pale wh.	3	dense forest. Pichis Trail, bet. Dos de Mayo ~~& Cuenas~~	1700-1900 m.

25825	Scleria	H 2-3'		July 3 dense forest	Bot. Bos de Mayo a Porvenir 1700-1800 m.
25826	Piper	H suc. 1-2.5'	Infl. pink		
25827	Eupatorium	H to 2.5'	Cor. tube pink w, lobes & style & 3 sep. pink y, pi-dotted; sep. deep purple	bluish-pi.	
25828	Orchid	EH		y. at base; col w.	
25829	Peperomia	EH			
25830	Orchid	EH	Buds pink w, lobes pi.-tinged		
25831	Costus	H 5-6'	Per. cream w	lobes pink	
25832	? resine	S erect, few-branched ± 10 ft.	Panicle to 2' l. Infl. pink-w	3 dense forest	Bot. Bosque Mayo a Porvenir 1700-1800 m.
25833	Cyclanthera	HV	Cor. pink w		
25834	~~Polypodium~~ Goniopteris	EH			
25835	Solanum	S 6-8' slender	Fr. deep purple		
25836	Acalypha	T 20-25'	Infl. pink		
25837	Myriocarpa	T 30-40'	" "		
25838	Cissus ?	HV ± woody	Fr. reddish-purple		
25839	Solanum	S or T 10-12'	Cor. light pi, auth y		
25840	Erythrina	T 40-50'	Infl. at base of trunk; st. r,	wings & fl. pale y	
25841	Polypodium	EH			
25842	Polypodium	EH			
25843	Selaginella	Pl. ter			
25844	Begonia	H U	pet w.		
25845	Pityrogramma	H in rocky bank			
25846	Adiantum	H "	weed as tea		
25847	Adiantum	H "			
25848	Pteris ?	H "	fronds up to 5' l.		
25849	Rhynchospora	H "			
25850	Psammissia grandiflora	S slender 2-4'.	cor. rich p. pale pur.; aut. bright yellow; tube y.; sty. w.		
25851	Calceolaria	S 5-6', with elong. branches	cor. br. y.		
25852	conf.	H 3-5'	cor. pink w.; sty. w.		
25853	mas	on rocky bank			
25854	Solanum	S erect 4-5'	br. o.; cor. pink w. aut. pink		
25855	Puya	T 6-12'	cor. rich p. with y. pubescence out; lobes pale p. in.		
25856	~~Malvaviscus~~ Myriocarpa	~~H~~ T			
25857	acanth.	H	cor. w. to pale bl.		
25858	mas	on moist bank			
25859	Nephrolepis	H			

25860	solan.	S. 8-10'	Ends g.	July 3 dense forest bet. L de Mayo & Porvenir 1700-1900 m.
25861	Blechnum	H		
25862	? Acrostichum	T	Buds gr.	
25863	Solanum	S 6-8'	Fr. or.	
25864	Heliocarpus	T 30-40'	Cor. grish. w.; Bk. w; anth y.	
25865	Lycopodium	H		
25866	Cinchona	T. 20-30'		
25867	Coccocepalum	H	cor. w. to pale or.; lobes violet; fr. br. H	
25868	Trichomanes	H ter.		
25869	Hymenophyllum	H at base of tree trunks		
25870	Oleandra	H ref. on tree trunk		
25871	Eric.	S subsc.	Cor. pink w	
25872	Dryopteris	H		
25873	Oxalis	H	Pet. y	
25874	Dichromena	H		
25875	Gesner.	H ovate 2-3'	Br. pi; fr. w	
25876	Pilea	H ter		
25877	Ruellia	H to 2.5'	Tube w. pink pi dist, lobes pi	
25878	Klaprothia	H to 2'	Pet. w	
25879	Aa	H ter	Per. w	
25880	Pavonia	H to 2.5'	Pet. w	
25881	Peperomia	Ep		
25882	Dryopteris	H		
25883	Orchid	Ep	Per. grish	
25884	Moss	On tree		
1 label 25885	Pilea 'divaricata'	H		
25886	Peperomia	On bank	Spike, deep pi	
25887	Acalypha	T 20-30'	Infl. grish	
25888	Polypodium	Ep		
25889	Miconia	T 10-15'	Pet. y	
25890	Orchid	Ep	3 seg. fr.; red-tinged lip, deep r.	
25891	Miconia	T 25-30'	Buds grish y	
25892	Melast.	H 1-3'	Fr. purple Pet. light pi.	
25893	Polypodium	Ep		
25894	Polypodium	Ep		

Porvenir
"
Porvenir

25895	Pilea	H lax, to 3'	Per. wh	July 3	dense forest.	Pichis Trail, bet. ~~Puerto Mayo~~ & Porvenir 1700–1900 m.
25896	Spiranthes	H ter	Per. wh			
25897	Siparuna "grandifolia"	T 20-30'	Pr. & Sacc. ~~light~~ pi., lip cream-w, col.			
25898	Epidendrum	H ter				
25899	Trichomanes	F H				
25900	Aralia	T 30-40'	Pr. cream wh			
25901	Siparuna	S or t with clusg. ter.				
25902	Pilea	H suc to 2.5'				
25903	Rhipidopteris	On tree stump				
25904	Urera	H coarse, stem erect, unifl, 4-8'	Pungl. & pr. pink			
25905	Eric.	S subac.	Pr. gr.			
25906	Acanth.	H slender	Cor. w			
25907	Mikania	WV	Pap. (cold) pink	4	Pichis Trail, bet. Porvenir & ~~Santa Isabel~~	1900–1800 m.
25908	Miconia	T 10-15'	Pet. cream w with bright y			
25909	Rub.	H lax 1-2.5'	Cor. tubular, lobes light pi			
25910	Psychotria	T 12-20'	Pr. olive gr.			
25911	Vismia	S or low T 10-12'	Pr. only			
25912	Mikania	V ± woody	Cor. tube light gr. lobes w.; anth pi.			
25913	Pilea "parvidens"	H Suc. to 3'	Per. acq. wh.			
25914	Rub.	T 20-25'	Cor. pure wh.			
25915	Hymenophyllum	H ter				
25916	Elaphyglossum "terrestris"	H ter				
25917	rub.	S 6-10'	Inv. of infl. deep r.			
25918	Siphocampylus	H erect. 2-3'	Cor. br. o. r., y. dust			
25919	Miconia	S. 12-15'				
25920	Weinmannia	T. (gen.) 15-20'				
25921	Asplenium	H ter				
25922	Scolopendrium	H ter				
25923	Trichomanes	H ter				
25924	Miconia	S slender, 3-5'	Pet. deep r.; fil. w, ant. y			
25925	melast	S 10-12'	~~Calyx~~ lobes trig w.; pet. & ant. + sty. cr. w.			
25926	gesner.	H	Cor. br. r. – yell. in.			
25927	gesner.	H 2-3'	Br. br. r.			
25928	gesner.	H 2-3'	Cor. rich p., yell. in			
25929	Pilea	H 3-4'	Per. yell. w.			

25930	aroid	E. H.		July 4 dense forest, Pichus Trail, ~~bet.~~ Ponvenir & ~~San Nicolas~~, 1900-1700 m.
25931	Peperomia	E H		
25932	orchid	t.		
25933	Eupatorium	H. 2-4'	cor. tube greenish w; lobes & stig. lil.	
25934	melast	S. 10-15'	pet. ata. & stig. w.	
25935	gesner.	H.	br. br. r. - cor. br. y	
25936	acanth	H. 2-3'	cor. nearly pur.	
25937	Peperomia	H. ter		
25938	Cavendishia	S. 12-18'	br. y. (?)	
25939	Polypodium	H. ter		
25940	gesner.	H.	br. g. prox. r. dist cor. pale y.	
25941	Acalypha	T. 18-25'		
25942	Bouvardia	H. U	br. br. y.	
25943	Solanum	H. 3-4'	pet. cr. w.; ant. y.	
25944	nib.	T. 15-25'	fr. black.	
25945	acut.	U. U	fr. deep gr.	
25946	Psammisia	S. 12-15'	ped. & cal. p.; cor. g. prox, w. dist	
25947	Psilogramme	H. U.		
25948	Trichomanes	H. on bank		
25949	Solanum	H. 3-4'	cor. greenish y. - ant. w.	
25950	Piper	S. 8-10'		
25951	Sellaginella	H. ter		
25952	Calceolaria	H.	cor. pale y.	
25953	gesner.	H.	br. br. r.	
25954	orchid	E H	Cor. pale y. all ber. sep. green spotted with pur.	
25955	gesner.	H.	cal. ~~cor.~~ br. o., cor. pale y.	
25956	H. glycosmum	H. 25-35'		
25957	Costus	S. 10-12'	cor. cr. w.	
25958	fern.	H. on rocks in stream bed		
25959	grass.	H.		
25960	gesner.	H. 3-4'	br. pale y.	
25961	Ochroptens	H. br. 3-6'		
25962	gesner.	H. 2-3'	cal. tube w, lobes pale g.; cor. pure w.	
25963	subacaulis	S. 12-15'	Cor. tube pale br. - lobes deeper	
25964	grass.	H.	ant. y.	

San Nicolas

✓25965	Centropogon	S. 4-6'	cor. p, with g. stripes	July 4 dense forest, Pichis trail, ~~Lutz~~ Paseveria & San Nicolas.
25966	grass	H.		
✓25967	Vicia tetrasperma	H. 1 woody below, 2-3'	cal. dyp c., pet. red. p.	thickets San Nicolas, 1,000-1100 m.
25968	? morac. Ficus ?	T. 20-25'	infl. g.	5 dense forest 1100 m.
25969	Solanum	S. slender, 8-10'	pet. cr. w.; ant. y.	
25970	Asplenium	E. H.		
25971	orchid	E. H.	per. reg. w, faintly	
25972	Lomaria	H. climbing, up tree trunks	pinn.	
25973	Peperomia	E. H.	lvs. mottled g. & w. above; r. below.	
25974	Vicia minutiflora	T. 12-15'	pet., sta. & sty. w.	
25975	"	T. 20-25'		
25976	rub.	S. 10-12'		
25977	orchid	E. H.	per. reg. deep r. to pur., fainter at marg.	
25978	Polypodium	H. repent on tree trunks		
25979	Isochilus	E. H.	fr. g.	
25980	Isochilus	E. H.		
25981	rub. ?	T. 20-25'	fr. dull pur.	
25982	rub.	S. slender, 8-10'	cal. fr. o.; fr. w.	
25983	Paliconrea	S. 8-10'	cor. pale y.	
25984	Peperomia	H. repent on tree trunks		
25985	?	S. slender, 8-10'	fr. br. r. - fr. pale y.	
25986	Xanthosoma	E. H. up tree trunks, vine climbing	spathe pale g.; spike brownish	
25987	Xanthosoma	" " " "	spathe 2. prox. pale dist.	
25988	Polypodium	E. H.		
25989	?	U. appressed to tree trunks		
25990	Trichomanes	E. H.		
25991	orchid	E. H.	lvds w.	
25992	Peperomia paniculata	H. ter.		
25993	rub.	T. 20-25'	fr. g.	
25994	Psychotria	S. slender, 10-12'	fr. br. o.	
25995	Psychotria	S. 10-12', with elong.	cal. deep bl. fr. slightly paler	
25996	? genus.	S. 8-10'	cal. dep r.; cor. pale p, sty. pale sty. w.;	
25997	Vicia	T. 20-25'	pet. pale y.	
25998	aroid	E. H.	spathe g., spadix deep p.	
25999	? Rubi	T. 15-20'	fr. deep r.	

26000	rub.	S or low T.	cr. tube pale y. in th cr. pubescent; blues rch p.	July 5	dense forest Pichu Trail, San Ucalay 7100 ft.
×26001	? genus.	E H	sep. g. at center		
26002	rub.	S 10-15'	dep r. at edg of pedunc g.; br. pale o.; cor. purp.		
26003	grass	H			
26004	Cactus	H coarse 6-7'	br. dep r.; per. pale y.		
26005	Sipanea	T 12-15'	fr. br. r.; cal. tinged		
26006	Mucuna	T 12-15'	cal. rch p.; cor. y.		
26007	genus.	E.S.	br. br. r.; cor. pale y.		
26008	genus.	H.	cor. br o.		
26009	Piper	S. 8-10'			
26010	Rep.	on soil			
26011	Piper	T 15-20'			
26012	Piper	S 6-8'			
26013	acaulis	S 10-15'	br. dep r. to pur.		
26014	Piper	S.			
26015	Piper.	T 20-25'			
26016	Rhipidopteris	S 4-5'			
26017	Dicksonia	E H			
26018	Cuspidaria lowerana	H			
26019	Pellaea	H. ter.			
26020	Diplazium	H. ter.			
26021	Dryopteris	H			
26022	Sellaginella	H.			
26023	Pilea	H ter.			
26024	Piper	H ter. 15-20'			
26025	Psychotria	I			
26026	Acalypha	T 10-12'	fr. pure wh.		
26027	Herb.	T 20-25'	Bracts gr.		
26028	Rub	On leaves of 26026			
26029	Thalictrum	H if woody below?	Buds light gr		
26030	Dryopteris	N V	Calyx or-r cor. y		
26031	Acanth.	H Stipe 2'	fr. 5'		
26032	Pilea	H Cor tube pi, pale limb;	lobes scarlet		
26033	Polypodium	N succ. 2-4'			
26034	?	N on bark or tr.			
		S T 15-20'	Buds gr,		

26035	Melast.	S low	Pet. & fils. light pi.	July 5	Dense forest	Pichis Trail, San Nicolas	± 1100 m
26036	Diplazium	H					
26037	Dryopteris	H					
26038	Pilea	H					
26039	Elaphoglossum	Ep					
26040	Myrsinaceae.	T 15-20'	Cor. light pi, fr. brown-slated black				
26041	Hep.	On lvs & branches of 26040					
26042	Hep.	"	"				
26043	Siparuna	T 15-20'	Fr. pubesh-r				
26044	Hep.	On lvs of 26008					
26045	Gesner.	H Coarse ± 2'	Bracts deep r. Cor. o. r.				
26046	Rub.	S subsc.	Cor. w - grish w				
26047	Acanth.	H	Tube & lobes outside w lavender in				
26048	Smilax	HV					
26049	Gesner.	H 1-1.5'	Cor. deep r.				
26050	Begonia	H	Pet. grish w Fr. blueish				
26051	Miconia	T 15-20'	Fr. deep blue				
26052	Alsodeia	S	Bracts w				
26053	?	T 25-30'	Calyx gr.				
26054	Passiflora	S 10-12'	Pet. white tinged yellow				
26055	Tillandsia	Ep					
26056	Selaginella	H on bank					
26057	Orchid	Ep	Sep. y-g, lip w, purple-blotched				
26058	Orchid	Ep	Sep. pink w				
26059	Columnea	H	Cor. y				
26060	Rub.	T 15-20'	Cor. cream w				
26061	Orchid	Ep	Per. pink w - w				
26062	Gesner.	H on ground	Cor. w, deep r-pink in throat				
26063	Peperomia	H rep.	Spikes deep pi				
26064	Peperomia	H rep					
26065	Arac.	H rep on tree					
26066	Arac.	H " "					
26067	Porphyrocoma	S ± 6'	Fr. w				
26068	Hymenophyllum	On bank					
26069	Solanum	T 12-15'	Cor. w Fr. deep pink anth y				

26070	Hymenophyllum	On bank		July 5	Dense forest	Pichis Trail, San Nicolas	± 1100 m.
26071	Mikania	WV					
26072	Saccoloma	H	Stipe ± 2', Fr. ± 4'				
26073	Mon. ? - ?	T 20-30'	Impl. gr.				
26074	Cestrum	T Slender 10-15'	Cor. pink w				
26075	Dioscorea	HV					
26076	Arac.	EH	Spathe w				
26077	?	T 20-25'					
26078	Arac.	EH					
26079	Cyathea	TF	Stipe 4', Fr. 5'				
26080	Palicourea	T 12-15'	Bracts infl. y Fr. deep pink				
26081	Clidemia	S 3-4'	Pet. pi				
26082	Bauhinia	S 10-12'	Buds y				
26083	Comp	S 5-7'	Pap. w				
26084	?	T 10-12'					
26085	Ixora ?	T 10-15'	Cor. cream w	6		Pichis Trail, bet. San Nicolas & Azupizu	1100 - 650 m.
26086	Meriania	T 20-25'	Pet. light pi Anth. blackish pi				
26087	Gesner.	H	Cor w				
26088	Peperomia	Nter					
26089	Isertia	H					
26090	Acanth	H	Cor. rose-pi				
26091	Gesner.	H	Cor. light bl, pale lip				
26092	Sanchezia	S 4-5'	Br. r., calyx yish				
26093	Saurauja	T 25-30'	Pet w				
26094	Piper	T 15-20'					
26095	Pourouma	T 30-40'					
26096	Cestrophia	HV	Cor w				
26097	Begonia	H	Pet. + fr. pi.				
26098	Polypodium	H rock or tree					
26099	[illegible]monia	S to 12' along br.	Cor tube pink w lobes deep pi				
26100	Gesner.	H 2-3'	Cor. light r.				
26101	Begonia "pubescens"	H	~~Calyx~~ Pet. light pi				
26102	Melast.	T 12-15'	Fr r. bracts				
26103	Columnea	H	Cor r.				
26104	Rub.	S 10-12'	Fr blackish				

26105	Urera	H ± woody bel. erect, 3-5'	Fls. pinkish, berry pk. w	July 6	Dense forest	Bet. San Nicolas & Azipizi 1100-650 m.
26106	Rich.	T 15-20'	Fr. rich pk.			
26107	Gesner.	H to 3'	Cor. r.			
26108	Begonia	H	Pet. pinkish w		(lime soil)	
26109	~~Dalea~~ Acalypha	~~H~~ T low	Cor. green			
26110	Peperomia	Ep H	Fls. reddish brn			
26111	Gesner.	H	Cor. r, pinkish pros.			
26112	Adiantum	H				
26113	Bochmeria	S much-br. 8-12'	Infl. pinkish w			
26114	Gesner.	H	Cor. tube & lower half lobes w, upper half lobes blue			
26115	Centropogon	H	Cor. bright pk			
26116	Gesner ~~Destroyed~~	H	Bracts pk, cor ~~pk~~ yellowish, pink-notched in at throat			
26117	Acanth.	H	Cor. light pk			
× 26118	Begonia	H succ.	Pet. bright pk anth. yellow		fr. pk.	
26119	Caladium	H	Spathe pk. Spadix yellow inf. above, sped.		dull gr.	
26120	Polytichum	H				
26121	Cyperus	H				
26122	Elaphroglossum	Ep H				
26123	Eupatorium	H 2-4'	Cor. tube gr., lobes wh., styles pk.			
26124	Mentzelia	H low	Pet. w			
26125	Capparis	H 2-3'	Pet. w, stamens pk; stigma y			
26126	Mimosa	HV	Fr. deep gr.			
26127	Buseria	S or low T 8-12'	Cor. w-r.			
26128	Scroph. ~~Destroyed~~ ?	H ± 3'				
26129	Eupatorium	S slender 6-8'				
26130	? Acanth. ?	?	Fls. pinkish w			
26131	~~Diclova~~	H	Pet. light pk.			
26132	Scutellaria	H	Cor. deep pk.	~~bb~~	Azipizi Rubis trail bet. Azipizi & Santa Rosa 650-625 m.	
26133	? Commelina	?	Fr. gr.	thickets		
26134	Melast.	H 2-3'	Pet. cream w, anth. y			
26135	Acanth.	S 6-7'	Cor. deep pk.	dense forest		
26136	Selaginella	H to 3' ~~Destroyed~~				
26137	Begonia	H 2.5-3'	Fr. deep r. brn. Pet. pinkish & w,	fr. pinkish w		
26138	? Orb.	S	Fr. gr.			
26139	Serjania	WV				

26140	Solanum	H 2-3'	Cor. grish w, anth. lilac	July 6	Dense forest	Pichis Trail Bet. ~~Azupizi~~ Azupizi & Santa Rosa	625-650 m.	
26141	Centrosogon	H ±2'	Cor. bright y					
26142	~~Ouk~~ Quercifol.	T 20-25'	Fl. bluish-purple					
26143	Gesner.	H 2-3'	Cor. light y					
26144	Cornuella.	H 1-2'	Sepg. rosy-pk; cor. pk.					
26145	Bikai	H ±4'	Br. r.; fer. or., gr. at apex					
26146	Centrogon	H	Cor. bright r.; stamen tube pink					
26147	Orchid	Ept	3 acg. light gr.; pink spotted; lip pink y	7		Pichis Trail Santa Rosa	650-900 m.	
26148	Rub.	T 12-18'	Cor. grish w					
26149	Daucea	H						
26150	Piper	T 10-15'						
26151	Melast.	S low 2-3'	Calyx or-r.					
26152	Dicksonia	H						
26153	Anthurium "impressinervium"	H ter						
26154	Besleria	H 2-3'	Cor. or.-r.					
26155	Grass	H 2-3'						
26156	Carludovica	EH on tree trunks	Styles wh.					
* 26157	Arac.	H ter	Spathe w or gr.					
26158	Strutheopteris	EH						
26159	Evea	S 5-8'	Cor. light y; branches light r; fr. bright blue					
26160	Cyathea	TF Caud. erect 6-10' Fr. (rach. stipe) 4-6'						
26161	Trichomanes	H						
26162	Lindsaya	H						
26163	~~Rub.~~ Gent.	T 20-25'	Cor. grish w					
26164	Cyathea Tectaria	TF Caud. 5-7' ~~Stip~~ Fr. (rach. stipe) 3-4'						
26165	~~Polypod.~~ ?	H						
26166	Piper	H						
26167	Psychotria	S 10-12'	Branches wh; bright fruit					
26168	Myrsinac. ?	S 10-15'	Cor. cream wh Calyx grish w, pink - spotted					
26169	Alsophila	TF Caud. erect 5-7'	Fr. (rach. st.) 4-6'					
26170	Cyclanthus	Pl. 3-4'	Fr; deep gr.					
26171	Centrosogon	S elong. br. to 8'	Cor. tube light r lobes y					
26172	Rub.	S 10-18'	Fr. y					
26173	Rub.	T 15-20'	Fr (ripe) ~~Cor.~~ cor. w/pale bl.					
26174	Acrostichum	H ter						

26175	Piper ingoense	S 3-5'		July 7	Dense forest	Piclis Trail, Santa Rosa,	650-900 m
26176	Polypodium	EH					
26177	Polypodium	EH					
26178	Piper	T 12-18'					
26179	Palicourea	T 10-15'					
26180	Rub.	S 12-15'	Calyx tube light gr. lobes or; cor. light y				
26181	Psychotria	~~15-20'~~ S 2-5'	lumps or. Fr. (ripe) black				
26182	Piper	T 10-15'	Spikes dependent				
26183	Peperomia	EH					
26184	Melast.	T 20-25'	Fr. deep gr.				
26185	Monac. Rut? Banana	S 10-15'	Fr. deep gr.				
26186	? Rut	T 15-20'	Fr. brownish-r.				
26187	Nicotia	T 15-20'					
26188	Nicotia	T 20-25'	Pet. light y				
26189	Aetanthus	S par.					
26190	Cyclanthus	Sh. slender Pp. 3-4'					
26191	? ~~Rut~~ Thea	T 18-25'	Fr. purplish brown				
26192	Piper	S 8-12'					
26193	Anacard.?	S or T	Fr. purple-black				
26194	Struthiopteris	Rep on tree trunk					
26195	Cyathea	caudex 4-6' erect., T.F. 6. (incl. st.) 3-5					
26196	Vernonia	W.V.	cor. tube gnish w.; lobes pale bl.				
26197	acanth.	H 15-25'	cor. w. prox, deep bl. dist. cor. w.				
26198	rub.	T					
26199	Tillandsia	H at base of tree					
26200	(cube) "barbasc"	T young, 5-7; top bran.					
26201	Polypodium	T. ± scan. E H			cleaning		Pkg. S.15-9.
26202	rub.	large forest T. (fallen)			dump-forest		
26203	Solanum	H 3-4'	cor. g.; ant. purple.				
26204	Tournefortia setaced	S with bran. S. elong. to 5'	cor. cr. w.				
26205	Piolaena	H	pet. w. to pale prox, deeper dist; fil. w., anth y.		"	bet. Santa Rosa & Uvenaturani	500-600 m.
26206	rub.?	T 20-25'	cor. pen w.				
26207	Sanchezia	T 5-8'	cr. br. r.;		tickets	" Uvenaturani	500 m
26208	Cassia	S. 30-50'	cor. br. y. pet. br. y.		cleaning		
26209	acanth.	T S ±2½'	cor. w. prox, pale bl. dist.		edge of woods along river		

26210	Operculina	H. V.	cor. w.	July 8	thicket to dense forest	Pichis Trail	Ulunatiriani 500 m. bet. 400-500 m. & Puerto Yessupke
26211	Micania	T. 12-15'				" "	
26212	?	T. 10-12' slender	buds grish. w.				
26213	Ficus	T. 20-25'	br. g. stipled w. r.				
26214	Sellaginella	H.					
26215	Peperomia	H. dependent from trees	br. w.				
26216	gesner.	H.	cor. pale bl. or w. prox, deeper bl. dist.				
26217	Cyrilla	T. 25-30'	pistil + stig. pale y.				
26218	Peperomia	E. H.					
26219	Uvertera	H. repents	br. o. r.				
26220	rub.	T. 20-25'	cor. grish. w.				
26221	Polypodium	E. H.					
26222	acanthe	H.	cor. w.				
26223	melast.	H. slender S. 2-3'	br. reddish.; under side of lvs deep r., + pet. + aut. w.		~~pet, fil + sty.~~ w.; aut y. + pubesc. of stem + infl. deep r.		
26224	Serjania	W. V.			10 edge of dense forest	Puerto Yessupke	400 m.
26225	melast. "spicata"	S. 6-10'	bran. of infl. + calyx ~~hairy~~ + sty. w.; br. deep bl.				
26226	?	S. 3-4'	pet. + sta. w., ~~hairy~~ pet., aut. + sty. w.		dense forest		
26227	Evea	S. 4-7'	br. to r.; br. bl.				
26228	fal.	H. V.					
26229	melast.	H. 2-3'	pet, fil. + sty. w. aut. pur.				
26230	genus.	S. slender. 3-5'	cal. + kor. o.				
26231	Psychotria	H. 4-6'	bran. of infl. o. p.; cor. y. lobes marg. mid with deep r.				
26232	acanth	H. 2-3'	cor. w.				
26233	Psychotria	S. 10-15'	br. br. bl.				
26234	~~rub.~~ Hogan?	H. 3-4'	bran. of infl. br. o.; buds o. prox; g. dist				
x26235	rub.	S. 2-4'	br. br. o.				
26236	Inga (print only & key)	T. 15-25'					
v26237	melast.	S. 3-6'	pet. pale p. to w.; fil. w.; aut. yish.				
26238	Alsophila	T. F. caudex erect, 3-6'; fr. 3-5'	pet. 3-6'; pet. 1-2';				
26239	Solanum	H. 2-3'	pet. grish. w.; aut. y.				
26240	Carludovica	H. climbing up tree trunks					
26241	Asplenium	H.					
26242	Carludovica	H.	ter, caudex erect, ½-1'				
26243	Polypodium	E. H.					
26244	Piper	S. 3-5'					

26245	Piper	S. 7-10'		July 10	dense forest	Puerto Yessupe 400 m.
26246	palm	T. trunks slender, 10-15'; br. o., becoming w.				
26247	palm	H. caudex subt. or up to 6" long 5-6' l.				
26248	Piper	T. slender, 15-18'				
26249	Piper	S. 10-15'				
26250	melast.	S. 10-12'	fr. pale bl.			
26251	nb.	S. 3-6'	bran. of infl. pur.; ripe fr. deep pur.			
26252	Polypodium	E H.				
26253	Peperomia	E H.				
26254	Pityrogramma	E H.				
26255	nb.	T. 15-20' slender	bract & fr. deep pur.			
26256	?	S. slender, 5-8'	pet. w.; ant. y.			
26257	gesner?	S. slender 3-4'	br. br. r.; cor. y.			
26258	Rhicania	T. 20-20'	br. p. br. w.			
26259	nb.	T. slender, 4-5'	bran. of infl., cal, & cor. br. o.			
26260	Piper	S. 8-12'				
26261	Solanum	H. erect, 3-4'				
26262	yungib.	H.	br. w.; per. w., lob. tips y. bl.			
26263	yungib	H.	all fl. parts pale y.			
26264	Siphocampylus	W. V. S. 8-12'	cor. pale p.		dense thickets	
26265	Piper	S. slender, 6-8'	cor. tube pale & lobes br. w.		dense forest	
26266	nb. Cuneck?.	S. 2-4'	cor pale y.			
26267	nb.	S. slender				
26268	?	W. V.				
26269	melast	S. 10-12'	pet w.; ant y.			
26270	acanth nb.	H. 1-2'	cor p.		edge of d.f.	
26271	Piper	T. 12-18'				
26272	Serjania Gouania	W. V.	pet & sta greet. w.			
26273	? dillen	T. 20-25'	buds g.			
26274	?	T. 15-20'	buds g.			
26275	Piper	S. 10-12'				
26276	Rhicania	T. 15-25'	fr. deep pur.			
26277	acanth	H. 2-5'	cor. pale bl. pales & w. prox.			
26278	Piper	S. slender, 3-6'				
26279	?	T. slender, 8-10'	ped. g.; cal. w.; cor. buds g.			

			Stray of mtl. p.			
26280	melast.	T 15-20'	pet. + fil. p. ant.	July 10 e. of d. S.	Puerto Yessupe	400m.
26281	Piper	S. 10-15'	pale y.; br. dep pur.			
26282	aroid	E H.				
26283	rub.	S 6-8'	br. dep pur.			
26284	?	S. with brau. clay to 10'	fr. br. o.			
26285	mals.?	T 10-12'	fl. grish. w.			
26286	?	S. 8-12'	ends gnats w.			
26287	Phytolacca	S. spreading, 4-6'	pet. + ant. w.; fr. black.			
26288	gent	H. 4-6' coarse	cor. gnats w.			
26289	cucurb.	H U.	cal. o.; cor. y.			
26290	Passiflora	H U.	see notes.			Pl. S. 15-22
26291	cassia	S. 3-6'	pet + fil. br. y.			
26292	Piper	S 10-12'			thickets along river.	
26293	Sloanea ? Buett.?	S subsec.				
26294	Hyptis	H coarse + woody bel. 2-4'	Cor. w.			
26295	Pleuranthia	HV	st. fi., light gr cren; w deep purple	& light gr		
26296	Bauhinia	W V	Pet. pale pi			
26297	Piper	S 6-10'				
26298	Acalypha	S unarmt. 10-15'	Pistils pinkish r			
26299	Cassia "shmashut" [Chuncho]	S base 6-15' multibranched from	Pet. bright y		gravelly stream bed	
26300	Ipomoea	HV repent on ground or twining up shrubs	Cor. y			
26301	Cardiospermum	HV	Fr. gr.			
26302	?	T 15-20'	Pet. grish w			
26303	Daniela ? Rac.	S 10-12'				
26304	Eupatorium ?	S with clong fl. on W V	Flwrs grish			
26305	Clibadium	S 5-10'	Flwrs w			
26306	Bruarea	HV	See notes		thickets along river	
26307	Passiflora popenovii	HV	Stories			
26308	Passiflora mixbi	HV	See notes			Pl. K, B-68
26309	Panicum trichanthum	H to 4'				
26310	Piper	S 2-2.5'			gravelly stream bed	
26311	Dryopteris	V	Rots			
26312	Diodea	WV	Pets violacin bl st. pumpkin ant outer w			
26313	Serjania	HV	Pet. wh.			
26314	Baccharis	S spreading 4-7'	Pap. wh.			

26315	Pithecoctenium	T 20-30'	Fr. only	July 10	Gravelly stream bed	Puerto Yessup	400 m
26316	Malv.	H	Pet. w				
26317	Ipomoea	HV	Cor. light pi				
26318	Hyptis	S 3-4'	Cor. wh				
26319	Urera laciniata	H stem erect 2-4'	Infl. grish w				
26320	Mimosa	S slender, along br. to 10' or vine	Fr. only				
26321	Miconia	T 20-30'	Fr. only		edge of woods		
26322	Ipomoea	HV	Cor w		Thicket		
26323	Kyllinga	H			Gravelly stream bed		
26324	Cucurb.	HV	calyx or-r corolla y		Thicket		
26325	Canavalia	HV	Pet. w; st. calyx	Sep cents; w. pi. dist. tr.			
26326	Comp.	S subac.	Bluish grish				
26327	Lasiacis	H br. along to 8'					
26328	Maranth.	H 6-7'	Per. y-g				
26329	Buddleia Verb.	T 15-20'	Cor. w		edge of woods		
26330	Peperomia	H dependent in festoons to 12' l.					
26331	Rub. Verb.	T 30-40' 20-30'	Cor. w				
26332	Besleria	T 10-15'	Cor. y				
26333	Panicum trichoides	H			gravelly stream bed		
26334	Malv.	S 5-6'	Cor. light y				
26335	Siphocampylus	S long delic. branches	Tube pi, lobes y		edge of woods		
26336	Passiflora cinerea	HV	Rep fr. deep pk				
26337	Davilla	S or low T along br	Bracts only				
26338	? Verb.	S 10-12'					
26339	Melast.	T 10-15'	Pet ovary w Cor. bl.				
26340	Clusia	S 8-12'	Fr. red-pink.				
26341	Dryopteris	H					
26342	Ruprechtia	S 8-10'	Sep light gr.		thickets		
26343	Mimosa	S 6-10'	Pet. light gr. of fl.				
26344	Eupatorium	H along br to 4'	Cor tube grish w lobes pi				
26345	Ipomoea	HV	Cor. rich pi.				
26346	Cyperus	H			gravelly stream bed		
26347	Mimosa "carmantar"	T 5-8' with long-spreading br.		July 11	Pet. light gr.; stam-tube w, free fils pi.		Ph. K, B-70
26348	Mitriola	H	Cor w				
26349	Lindsaea	H	Cor. tube bl., lobes		thickets & rocks		

26350	Musa	On bank		July 11	River bank	Puerto Yossup	400 m.
26351	Solanum	H woody below S-4' much branched	Cor. y-g; anth br		thickets along river		
26352	Phytolacca	H	Bu. cirpl. pi. lefs. pubesh w				
26353	Piper umbellatifolium	T 8-10'					
26354	Piper	T 8-10'					
26355	Datura	S or sm. T 8-12'	Cor. pure w				
26356	Urera	H 2-3'	Trpl. pinks				
wk 26357	Mendoncia	H V	Cor. cream w				
26358	Philodendron	H climbing tree trunk					
26359	? Myrsine	T 20-25' trunk erect ±5" diam.					
26360	Inga	T 8-10', br. from base	Pet. gr., fils w				
26361	? Urticinia	T Pr. at base of branchlets					
26362	Solanum	T 20-30'	Cor. light bl., ±2" diam., anth y				
26363	Solanum	H coarse 2-3' erect	Cor. light gr. anth. y				
26364	Canna	H 3-4'	Per. r.				
26365	Tournefortia	S ↑ 6'	Cr. cream w				
26366	Martynia? Proboscidea?	H	Cr. purplish bl.				
26367	?	S. 6-10.	pet. g.; bil. g.; anth. pale				
26368	Dicksonia	H			dense forest		
26369	"barbasco" (culm)	I. young 5-18' 10 plants; I. sheather slender, (kept at cent. Bur. 12/11/29)			cleaning, cult.		Pl. S. 15-34, 35.
26370	Cordia	I. 12-15'			dense forest		
26371	acanth	H 3-4'	cor. yel. w.				
26372	Sellaginella	H					
26373	Piper	S. 3-5'					
26374	Absoplila	T. F. caudex erect, 3-5' H. (incl. st.) 4-6'					
26375	Centrum ?	S. slender. S. 4-7'	Cr. green w.				
26376	Adiantum	H					
26377	?	I. 20-35'					
26378	Asplenium	E H					
26379	melast	S. 6-8'					
26380	Trichomanes	E H					
26381	melast	S. 6-8'	calyx p.				
26382	Solanum	H 3-4'; erect	cor. w, bl-tng. anth. y.				
26383	melast capsule	S. 4-7'	fr. br. r.				
26384	Gossypium	I. 12-18'	pet. y; becoming r.		cleaning, culti		

26385	Ipomoea	V.	cor. w.	July 11	thickets along river	Puerto Yessup	400 m.
26386	Solanum	U.					
26387	acanth	H 1-3'	cor. w. to pale bl.				
26388	~~rub.~~ Acanth.	S 4-7'	cal. & cor. deep r., cor. tinj. w. per.; fil. deep r. to pur.		dense forest		
26389	orchid.	E. H.	5 per. ad. deep pur.				
26390	Peperomia	E. H.					
26391	Cannel.	H.	stem twining up tree trunks to 5-8'		sep. ant. g., per. tinj at middle; in. w.;		
26392	?Ruprechtia	H.	infl. or stem below leaves, orbic	one near summit.	pet. w., per. tinj.; ant & sty. w.; young fr. g.		
26393	~~steve.~~ ?	T. 30-40'	per. br. r.; ant w.; ovary g.				
26394	~~convolvul.~~ amaryll.	S. 4-7'					
26395	Pachira	H.	per. O.; fr. bl.				
26396	Solanum	T 40-50'	Pet. w		12 dense forest		
26397	Ipomoea	S or sm T 10-12'	deep bl Cor purple & bl	tow; anth. y			
26398	Solanum	V.	Cor. light pi, deeper pi. in center		thickets along river		
26399	Crotalaria	H 2-3' slightly woody bl.	Cor. light to deep blue; anth. yl.				
26400	Solanum	H ± 3'	Pet. y				
26401	Cassia	H 1.5-3'	Cor. y anth y		common at edge of river		
26402	acanth	T 15-20'	Pet. bright y		thickets along river		
26403	Clidemia	H 1-2.5'	cor. w. to pale bl. with deeper spots	14	edge of dense forest	Puerto Bermudez	
26404	Piper	S. 2-3'	pet w.				
26405	Alsophila	S. 10-12'					
26406	Mimosa	F. cauder.	5-1' erect.				
26407	Psychotria	S. 12-15'	bl. pale y.; ant b.				
26408	Paullinia	S. 4-7'	bran. of infl. red; cal. rich o.p.;				
26409	Dioclea	S. 10-20'	cor. y., lobes tinj. w. pur.				
26410	Amphilophium	H.U.	pet. pale bl.				
26411	acanth	W.U.	cor. br. y.				
26412	? acanth	H 2-3'	cor. w.; tip bl. at center		dense forest		
26413	rub.	W.U.	fr. deep pur.				
26414	palm	S. 5-8'	br. w				
26415	Tribanane	T. trunk slender.					
26416	apoc.	E. H. 3-5' tight					
26417	Vittaria	S. 12-15'	young cor. P.				
26418	rub.	E. H. slender.	bran. of infl. rich bl.; young fr. g				
26419	Palicourea	S. 3-4'					
		S. 12-18'	cor. w. lobes thin w. y.; becoming pur. in fruit; young fr. g.				
		S. 1	bran. of infl. & bracts				

26420	Sclena	H up to 8'		July 19 dense forest	Puerto Bermudez
26421	grass	H up to 3'			
26422	gesner?	H slender, S. 2-4'	br. br. r. car. + fr. pale y.		
26423	yuquil.	H slender			
26424	Piper	S. 6-8'			
26425	Melast.	S. 12-15'	fr. g.		
26426	Peperomia	E. H.			
26427	gesner.	H 2-3'	cal. o.		
26428	~~acanth~~ ?	H much-bran., H up to 6'	fer. w., trig. w. bl.		
26429	palm	T trunk slender,			
26430	palm *	~~T 6-10'~~ trunk slender, L. 5-8';			
26431	palm	trunk 10-12'; L. lvs. 3-4' l.	cal. y.		
26432	Clidemia	S 3-6'			
26433	Miconia	S subsc.	fls w		thickets
26434	Piper	S 6-8' with Strong-branches			
26435	Anacardiac	HV			
26436	~~Anacard.~~ Flac.	S 10-12'	Buds gr.		
26437	Citrus	T 12-15'	Pet. w; fr. acid		
26438	Rejoua	WV			
26439	Myrt. Mosp?	S 10-15'			
26440	Clidemia	S 3-5'	Pet. fi.		
26441	Lasiacis	HV			dense forest
26442	Piper	S 8-10'			
26443	Piper	H erect 3-4'			
26444	Polygonum	H ~~climbing~~			
26445	Peperomia	EH			
26446	Olyra	H			
26447	Sanchezia	H ± woody, Tub.	Br. r. ar y		
26448	Lucuma?	S 10-12', elong fr.	Fls. w.		
26449	?	W V elong fr	Br. y		
26450	Rub.	S 8-12'			
26451	Peperomia	H			
26452	Piper	T 12-15'			
26453	Piper	T 10-12'			
26454	Clavija	S ser. 8-10'			